



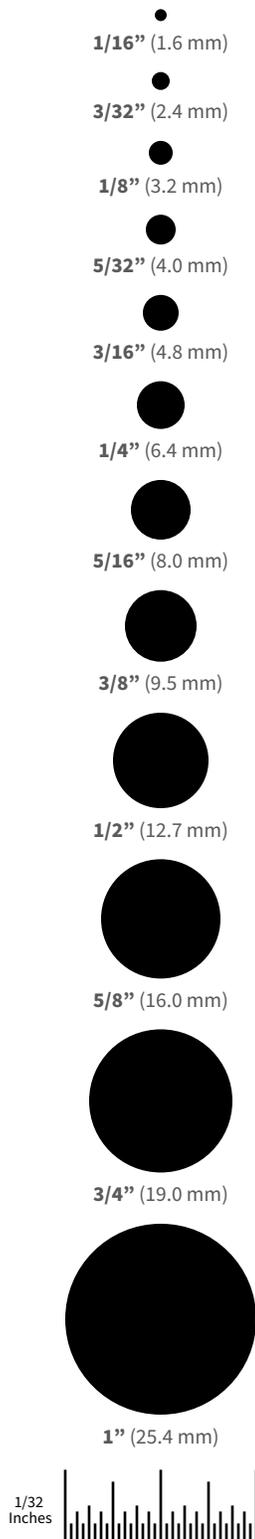
FLUID COMPONENTS

# FLUID MANAGEMENT Components



v.032

## Tube Size Reference



## Barb Reference

**Pg 120** Barb Series' Characteristics

**Pg 120** Barb Dimensions

**Pg 122** Barb Performance

## Common Material Reference

- 001 (Various, see part description)
- 06 Orange Nylon
- 07 Yellow Nylon
- 0 Natural Nylon
- 1 White Nylon
- 2 Black Nylon
- 3 Red Nylon
- 4 Green Nylon
- 5 Blue Nylon
- 7 Glass Filled Natural Nylon
- 8 Gray Nylon
- 8B Gray Nylon
- 9 Clear Polycarbonate
- 10 Acetal
- 40 Polysulfone
- 50 Acrylic
- 81 Lace White ABS
- 91 White Polycarbonate
- 1006 Natural Acetal
- 1007 Black Acetal
- 6005 Animal-free Polypropylene
- 6006 White Polypropylene
- 6012 Black Polypropylene
- 8003 Natural ABS
- 8012 White ABS
- 9002 Rad. Stable Polycarbonate
- 9010 Rad. Stable Polycarbonate
- 9024 Polycarbonate
- B Buna-N O-ring
- CM006 Polyethylene
- CM018 Copolyester
- CM030 Dark Blue Nylon
- E PTEE/EPDM
- EP EPDM O-ring
- J2A Natural Kynar PVDF
- J2A2 Natural Kynar PVDF
- PX Platinum-cured Silicone
- U71 White Class VI Glass Filled Nylon
- U75 Blue Class VI Glass Filled Nylon
- VP1 Animal-free Polyethylene
- X2 Buna-N Rubber
- XO Stainless Steel

## Resin Information

**Pg 128** Chemical Resistance

**Pg 129** Regulatory Status

**Pg 130** Sterilization Stability

**Pg 131** Typical Properties

<b>INTRODUCTION</b> .....	<b>4</b>	<b>DIVERT™ STOPCOCKS</b> .....	<b>72</b>
<b>COMPONENTS &amp; TECHNOLOGIES</b> .....	<b>6</b>	Standard Pressure Stopcocks .....	73
<b>LOCATION</b> .....	<b>6</b>	High Pressure Stopcocks .....	73
<b>CUSTOM ENGINEERED SOLUTIONS</b> .....	<b>8</b>	<b>BIOPROCESS FITTINGS</b> .....	<b>74</b>
<b>LUERS</b> .....	<b>10</b>	Bag Ports .....	74
Male .....	11	BioProcessing Check Valves .....	77
Female .....	13	Opposing Barb Ports .....	78
Adapters and Couplers .....	15	Pharma+™ Tubing Retainers .....	79
Tees .....	15	BioClamp® .....	80
Elbows .....	15	BioValve® .....	81
Plugs and Caps .....	16	PharmaLok™ Clamps .....	82
Luer to Thread .....	17	PharmaLok™ Tube Clamps .....	85
Panel Mounts .....	18	Spaulding™ Aseptic Disconnects .....	86
Panel Mount Accessories .....	19	CYLINDRAFlow™ Manifolds .....	88
<b>TUBE FITTINGS</b> .....	<b>20</b>	Sanitary Fittings - Mini Flange .....	89
Straight Through .....	21	Sanitary Fittings - Maxi Flange .....	90
Straight Through Reducer .....	22	Sanitary Fittings - Caps .....	92
Elbow .....	24	Sanitary Fittings - TC Reducers .....	92
Elbow Reducer .....	25	Gaskets .....	93
Tee .....	25	Large Tube Fittings - Straight Through .....	95
Y .....	28	Large Tube Fittings - Straight Through Reducer .....	95
Multiport .....	29	Large Tube Fittings - Elbow .....	96
Press-In Plugs .....	30	Large Tube Fittings - Elbow Reducer .....	96
Ultrasonically Weldable Barbs .....	31	Large Tube Fittings - Tee .....	97
Panel Mounts .....	31	Large Tube Fittings - Tee Reducer .....	97
Panel Mount Accessories .....	31	Large Tube Fittings - Y .....	98
<b>ISO 80369</b> .....	<b>32</b>	Large Tube Fittings - Y Reducer .....	98
ISO 80369-3 (Enteral) Compliant Connectors .....	33	Large Tube Fittings - Multiport .....	99
ISO 80369-5 (Blood Pressure) Compliant Connectors .....	33	Large Tube Fittings - Multiport Reducer .....	99
ISO 80369-6 (Neuraxial) Compliant Connectors .....	34	Large Tube Fittings - Press-In Plugs .....	99
ISO 80369-7 (Intravascular) Compliant Connectors .....	34	<b>BLOOD PRESSURE</b> .....	<b>100</b>
<b>TUBING RETAINERS</b> .....	<b>35</b>	BPF Series .....	100
<b>QUICK CONNECT COUPLINGS</b> .....	<b>36</b>	1/4 Turn Connectors .....	100
10 Series - 1/16" Flow Size .....	36	Bayonet Male Cuff Connectors .....	101
20 Series - 1/8" Flow Size .....	38	Dinamap® Monitor Adapters .....	101
30 Series - 1/8" Flow Size .....	45	Dinamap® Cuff Connectors .....	101
33 Series - 1/8" Flow Size .....	45	<b>THREADED</b> .....	<b>102</b>
40 Series - 1/4" Flow Size .....	46	10-32 UNF, Special Tapered Thread .....	103
42 Series - 3/32" Flow Size .....	50	1/4-28 UNF .....	106
50 Series - 1/4" Flow Size .....	51	1/4-28 UNF Bottom Sealing .....	107
55 Series - 1/4" Flow Size .....	54	Metric M6x1 .....	108
60 Series - 3/8" Flow Size .....	54	Metric M5x.8 .....	108
65 Series - 1/2" Flow Size .....	58	1/16-27 NPT .....	109
100 Series - 1/16" Flow Size .....	59	1/8-27 NPT .....	110
MQC Series .....	60	<b>BUILD-A-PART®</b> .....	<b>112</b>
RQ Series .....	61	Junction Blocks .....	113
SBL Series .....	62	Accessories .....	114
XQ Series .....	63	Barbs .....	114
Filtration Connectors .....	64	Threads .....	115
Custom Solutions .....	65	<b>TUBING</b> .....	<b>116</b>
<b>CHECK VALVES</b> .....	<b>66</b>	Linear Low Density Polyethylene .....	116
Single Check Valves - Anti-Siphon .....	66	Thermoplastic Elastomer (TPE) .....	116
High Flow Check Valves .....	67	Platinum-Cured Silicone .....	117
Single Check Valves - One-Way .....	67	Pump Grade Platinum-Cured Silicone .....	117
Single Check Valves - Barbed .....	68	Polyurethane .....	117
Double Check Valves .....	69	Anti-Microbial Polyvinyl Chloride (PVC) .....	117
<b>NEEDLEFREE SWABABLE VALVES</b> .....	<b>70</b>	<b>OTHER COMPONENTS</b> .....	<b>118</b>
Vial Caps .....	70	Tapered Seal .....	118
Swabable Bag Valves .....	71	Clamps .....	119
Valved Male Luers .....	71	Injection Sites .....	119
Swabable Break-Off Valves .....	71	Spikes .....	119
Swabable "Y" Valves .....	71	<b>TECHNICAL INFORMATION</b> .....	<b>120</b>
Swabable Straight Valves .....	71	Barb Dimensions .....	120
Bondable Valves .....	71	Barb Performance .....	122
		Quick Connect Performance Ratings .....	123
		BPF Series Properties and Performance Data .....	127
		Panel Mount Instructions .....	127
		Resin Information .....	128
		Trademarks .....	131
		Index .....	132

## Welcome to Nordson MEDICAL!

Thank you for your interest in our products. If you're a current customer, we appreciate your business and look forward to exceeding your expectations in the future. If you're seeing us for the first time, we welcome the opportunity to earn your trust.

Nordson MEDICAL is backed by the extensive resources of Nordson Corporation (Nasdaq: NDSN), the world leader in precision dispensing, fluid management and related technologies.

We are your global integrated solutions partner in the design, development, and manufacturing of complex medical devices and component technologies. We serve interventional, surgical, and specialized markets as the engine of innovations that save or enhance patients' lives.

We work with companies at any point in the product lifecycle to bring their innovative ideas to life. As a single-source partner, we enable our customers to save costs and speed time to market.

Our online store is the largest in the industry, giving customers fast access to thousands of components and technologies in stock and ready to ship, most within 24 hours.

Our three areas of focus provide customers with a complete solution:

### Design & Development

Our 200+ technical team brings broad medical device expertise and a deep understanding of clinical applications. Services include:

- Concept generation
- Product design & engineering
- Rapid prototyping
- Project management
- New product introduction
- Testing & validation
- Quality & regulatory services

### Components & Technologies

Our extensive portfolio of stock and custom components gives customers one-stop access to the critical building blocks for their complex, innovative medical devices.

- Fluid management components
- Catheters & cannulae
- Medical balloons
- Medical tubing
- Biomaterial delivery devices
- Nitinol components

### Finished Device Solutions

We can leverage our in-house component and technology expertise to design, develop, and manufacture finished medical devices and subassemblies. This vertical integration helps teams reduce costs, mitigate risk, streamline supply chain, and ensure consistent quality.

Our services include:

- Full-service manufacturing
- Finished devices & subassemblies
- Global manufacturing sites
- Dedicated transfer team
- Supply chain management
- Robust continuous improvement

### What We Do

Our fluid management portfolio includes thousands of components designed specifically for flexible tubing in different style and material combinations. The Value Plastics product line includes luer fittings, check valves, bioprocessing fittings, tube fittings, threaded fittings, and blood pressure monitoring components. Our LinkTech line of quick connect couplings allows you to quickly and easily connect or disconnect fluid transfer lines and is available in a wide range of flow sizes. We also offer custom component manufacturing, tubing, and select medical OEM components. Our application expertise extends to bioprocessing, blood pressure, cardiovascular, ophthalmic, and more. Our products find global application in demanding healthcare OEM, research and specialty industrial applications.

### Our Quality Commitment to You

At Nordson MEDICAL, quality is designed in from the outset; it's not an add-on at the end of the process. Our Quality Management System is designed as a system of interrelated processes meeting the requirements of ISO 13485. We welcome our customers to conduct an on-site supplier audit with the knowledge that our systems have satisfied the most demanding requirements of medical device manufacturers worldwide. We are dedicated to exceeding your expectations.

### Clean Room Manufacturing

Most Nordson MEDICAL products are manufactured and packaged in an environment that meets the requirements of ISO 14644-1 Class 8 (Class 100,000) standards. We utilize both manual and automated assembly processes tailored to manufacture the highest quality components.

## Assembly and Finishing Capabilities

Nordson MEDICAL's quality products are sophisticated and reliable. We have a solid reputation in today's medical device and biotech markets with pressure and leak testing. We also offer manual, semi-automatic, and fully automatic finished good assembly.

## Design, Engineering and R&D

Nordson MEDICAL's staff of product development professionals uses the most modern equipment to design the best products available anywhere. Whether your need is for new products or custom solutions, our focus on healthcare OEMs means we understand your needs and don't need to be coached to your industry requirements. Designs incorporating human factors, finite element analysis, DFMA, rapid prototyping and concurrent engineering are just some of the tools used to bring you the components you require, when you want them.

## Manufacturing Consistency

Nordson MEDICAL is equipped with multiple injection molding machines including plastic injection molding and over molding including 2-shot and insert molding. Our all-electric injection molding presses are chosen for shot-to-shot consistency and outfitted with the most up-to-date process monitoring software available. Each operator is responsible for product quality at the press and has every tool at their disposal. All molding, secondary operations and packaging takes place in a controlled environment to assure component readiness for your production floor.

## Rapid Prototyping

Nordson MEDICAL's engineering department is a leader in the industry. Using rapid prototyping and an in-house, high performance 3D printer, we can utilize multiple resins to provide certain material properties to components. We can execute highly representative prototypes and build a mold in two days, allowing us to deliver solutions with testable parts in a short time.

We use a system to verify potential product performance to expedite quality product design and development. The use of several tooling technologies allows us to incorporate innovative materials and processes to provide plastic components in a fraction of the time it may take to utilize metals.

We also execute detailed processes for evaluating application requirements to ensure the design focuses on ease of use, cost efficiency, design manufacturability, and top notch performance.

## Regulatory Management

Nordson MEDICAL strives to provide our customers with the most up-to-date technical information, directly from the resin manufacturer, on the resins we use. We maintain a comprehensive list of all material and regulatory information, enabling you to select the most appropriate products for your particular application. Information we provide includes:

- Regulatory data
- Material data
- MSDS
- Typical resin properties
- Sterilization stability information
- Chemical resistance information

Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) for technical information.

## Customer Satisfaction

As with all of our medical parts, each bag comes with a product certification and traceable lot number. Our parts are manufactured and bagged in a clean room environment to accelerate your own usage.

At Nordson MEDICAL, we are dedicated to exceeding your expectations. As such, it is important to us that when you place an order you know exactly what to expect, when to expect it and that we will do everything we can to ensure that you receive components made to the required specifications.

Nordson MEDICAL implements and regulates an internal customer support system. Our goal is to provide you exceptional service and quality solutions. We track all support issues in order to meet ISO requirements, enhance customer satisfaction, and to continuously improve our initiatives.

When a support issue concerns one of our products, we begin an immediate investigation of our available stock and quarantine any suspected parts. We then complete all required formal corrective actions and inform the customer when the issue is resolved.

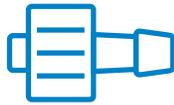
To contact customer service, please call us at (888) 404-5837 or (970) 267-5200.

## Contact Us

Visit us at [www.nordsonmedical.com](http://www.nordsonmedical.com) for all your low pressure fluid management needs.

### Fluid Management Components

With the largest selection in the industry, we offer cost-effective solutions that connect fluid management systems. Our components join flexible tubing assemblies, allowing you to easily regulate the flow of valuable media. Process management components, like quick connect fittings, luers, and tube-to-tube fittings, effortlessly and securely connect different elements of fluid administration devices. We also offer devices like stopcocks and check valves that control the transfer of fluids by regulating directional flow.



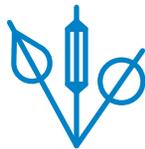
### Catheters and Cannulae

Nordson MEDICAL can partner with you in all phases of catheter development, from design and development through manufacturing and assembly. In-house capabilities include custom balloon extrusions, balloon blowing, bonding, welding, and folding, coating and masking, printing, and more. Our expertise in engineered shafts includes braid- and coil-reinforced shafts. We can also utilize polymer solution casting technologies to build multiple performance characteristics and varying wall thicknesses and diameters into a single-piece construction, while maintaining tight tolerances.



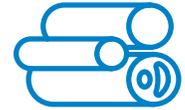
### Medical Balloons

We have the widest selection of medical balloons in the industry and can create any geometry with any material and virtually no limits on design. We offer the most complex medical balloons with the tightest tolerances, highest burst pressures, thinnest walls, and multiple unique design options, including coatings, textured surfaces, braided, and multilumen balloons.



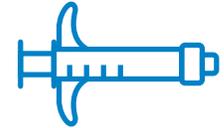
### Medical Tubing

From simple medical tubing to complex, tight-tolerance extruded tubing in a wide range of materials, we can meet your needs. We're known for producing the world's thinnest, smallest, and strongest heat shrink tubing, and our tubing line has expanded to include specialized items like polyimide tubing, PTFE liners, ram-extruded PTFE tubing, and a full range of single-lumen, multilumen, and multilayer extruded tubing.



### Biomaterial Delivery Devices

Nordson MEDICAL provides proven solutions for accurate and precise delivery of tissue sealants, hemostatics, adhesion barriers, and other autologous or synthetic biomaterials for surgical applications. We develop biomaterial delivery systems that accurately deliver a single biomaterial—or precisely mix and deliver a dual-component therapy—to the surgical site. Our OsteoXpress™ and OsteoPrecision™ Graft Delivery Devices deliver allograft, autograft, or synthetic bone graft materials to an orthopedic surgical site, and we provide stock, custom, and private label products to a wide range of customers.



### Nitinol Components

We are experts in complex manual nitinol wire braiding and forming and can achieve unique and complex geometries not possible by other methods. Symmetric and asymmetric structures are possible with spiral, wavy, or straight tip attachment options.



## FLUID MANAGEMENT LOCATIONS

### UNITED STATES:

#### Loveland, CO

805 West 71st Street  
 Loveland, CO 80538, USA  
 Phone: 970.267.5200  
 Toll Free: 888.404.5837  
 Orders@nordsonmedical.com

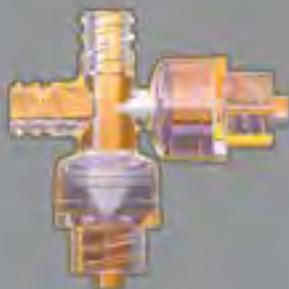


# CUSTOM

ENGINEERED SOLUTIONS



*“It would have taken me two to three times as long and two to three times as much money without Nordson MEDICAL. This is who you want to work with. They have become part of our team.”*



What happens when “off-the-shelf” just doesn’t work?

The Nordson MEDICAL custom solutions team builds a new shelf!

Unable to find what you’re looking for? Nordson MEDICAL has you covered with an array of product development and manufacturing capabilities to develop a product that perfectly meets your needs. Whether it’s a slight modification of one of our extensive catalog components, a design that you need manufactured, or something completely unique that requires full product development, Nordson MEDICAL has the experience and proficiency to support your project from concept through full-scale manufacturing.

Nordson MEDICAL has a wide range of capabilities that are utilized throughout the product development process to ensure the finished developed product is successful for years to come. Many of the custom engineered products developed by our Fluid Management team have been on the market for decades and are continuing to thrive.

#### Specialties:

- Custom Components
- Custom Devices
- Custom Quick Connects
- Custom Check Valves
- Custom Stopcocks
- And more

To get started today contact our sales team:  
Toll Free - +1 (888) 404-5837  
Email - [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com)



## Areas of Expertise for Long-Term Product Success

### Innovation:

Why settle for good enough when you can have great? Beyond coming up with a solution that simply “does the job,” Nordson MEDICAL’s team of product development engineers will raise the bar and creatively drive the solution toward market differentiation. Our unique combination of innovative product development paired with robust and reliable manufacturing experience will ensure a good foundation when moving to full production scale-up later down the road.

- Concept Development
- Technology Development
- Industrial Design
- Engineering Analysis & Simulation

### Product Development:

Great ideas paired with industry-leading innovation are the source that, with proper planning and attention, have the ability to become a ground-breaking product. Nordson MEDICAL engineers have the experience and tools in product innovation to make ideas a reality. The combination of engineering analysis, high-precision on-site mold making, and lights-out highly automated manufacturing ensures products developed by Nordson MEDICAL not only meet the most demanding of applications but are scalable when released to manufacturing.

- DFM, DFA, DFX
- Prototyping
- Bridge Manufacturing
- Full-Scale Production
- Secondary Services
- Engineering & QA Services

### Full-Scale Manufacturing:

Taking a great product design and scaling it to millions of components per year in a highly regulated industry is no easy feat. With decades of high-volume precision medical manufacturing experience in a highly automated clean room environment, Nordson MEDICAL is your trusted source to bring your product to fruition.

- High-Precision Molding
- Clean Room Manufacturing
- Full Lot & Process Traceability
- Assembly & Automation Engineering
- Medical Device Manufacturing

### Product Launch & Post-Market Support:

With Nordson MEDICAL, you can be assured we will be there along the way to keep things on track and to work with you to tackle any challenges that arise. With full quality and engineering support, along with a full-capability tool shop on site, Nordson MEDICAL offers full postproduction support to meet your needs through the entire product life cycle.

- Quality Support
- Engineering Support
- Regulatory Support
- Lifetime Tool Maintenance & Repair Included

# LUER

## FITTINGS



Male Luers  
**PG-11**



Female Luers  
**PG-13**



Adapters  
**PG-15**



Couplers  
**PG-15**



Tees  
**PG-15**



Elbows  
**PG-15**



Plugs and Caps  
**PG-16**



Luer to Thread  
**PG-17**



Panel Mounts & Accessories  
**PG-19**



### Our Luer Tapers

Nordson MEDICAL's luer tapers are made to the ISO 594-1 and ISO 594-2 standards, and may be connected to other luers meeting these ISO standards. Please test your application to verify the performance of the interconnection.

Nordson MEDICAL's luer fittings come in over 100 configurations and several materials for the device designer, joining tubing from 1/16" (1.6 mm) ID to 1/4" (6.4 mm) ID.

### Features & Benefits:

#### Published ISO Design Standard

- Well understood worldwide
- Often assures interconnections without need to retrofit

#### Rotating Lock Permits Tube Positioning Prior To Tightening

- Minimizes twisting and kinking of tubing

#### Tapered Cone Seal

- Reliable
- Inexpensive
- Uncomplicated

#### Available In Many Materials

- Facilitates optimal material selection for your application

#### Inexpensive

- Facilitates single-use

#### Easy To Understand

- Ease of use in field

#### Many Configuration Options

- Adaptable to wide range of applications

#### Security Options (Fixed Lock, Rotating Lock, No Lock)

- Tailorable to your specific application

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

## MALE LUER: Integral Lock Ring

### MTLL210 (-1 -3 -4 -5 -6005 -9 -9002 -J2A)

Male Luer Integral Lock Ring to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



### MTLL410 (-9)

Male Luer Integral Lock Ring to 400 Series Barb, 1/16" (1.6 mm) ID Tubing



### MTLL004 (-1 -2 -3 -4 -6005)

Male Luer Integral Lock Ring to 500 Series Barb, 1/16" (1.6 mm) ID Tubing



### MTLL220 (-1 -2 -4 -5 -6005 -9 -9002 -J2A)

Male Luer Integral Lock Ring to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



### MTLL420 (-1 -6005)

Male Luer Integral Lock Ring to 400 Series Barb, 3/32" (2.4 mm) ID Tubing



### MTLL007 (-1 -6005 -9)

Male Luer Integral Lock Ring to 500 Series Barb, 3/32" (2.4 mm) ID Tubing



### MTLL230 (-1 -2 -3 -6005 -9 -9002 -J2A -CM550)

Male Luer Integral Lock Ring to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



### MTLL430 (-3 -6005 -9002 -J2A)

Male Luer Integral Lock Ring to 400 Series Barb, 1/8" (3.2 mm) ID Tubing



### MTLL013 (-1 -2 -3 -6005 -9 -9002)

Male Luer Integral Lock Ring to 500 Series Barb, 1/8" (3.2 mm) ID Tubing



### MTLL240 (-1 -6005 -06 -07 -9 -J2A)

Male Luer Integral Lock Ring to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



### MTLL025 (-1 -2 -4 -5 -6005 -06 -07 -9)

Male Luer Integral Lock Ring to 500 Series Barb, 5/32" (4.0 mm) ID Tubing



### MTLL445 (-6005 -9002)

Male Luer Integral Lock Ring to 400 Series Barb, .170" (4.3 mm) ID Tubing



### MTLL250 (-1 -4 -06 -6005 -07 -8003 -9)

Male Luer Integral Lock Ring to 200 Series Barb, 3/16" (4.8 mm) ID Tubing



### MTLL450 (-9 -9002 -J2A)

Male Luer Integral Lock Ring to 400 Series Barb, 3/16" (4.8 mm) ID Tubing



### MTLL035 (-1 -06 -6005 -07 -9)

Male Luer Integral Lock Ring to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



### MTLL360 (-1 -6005 -9 -9002 -J2A)

Male Luer Integral Lock Ring to 300 Series Barb, 1/4" (6.4 mm) ID Tubing



### MTLL055 (-1 -3 -4 -06 -6005 -9 -9002)

Male Luer Integral Lock Ring to 500 Series Barb, 1/4" (6.4 mm) ID Tubing



## Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

[www.nordsonmedical.com](http://www.nordsonmedical.com)

## MALE LUER: Slip, or for use with Lock Ring

### FSLLR (-1 -2 -3 -4 -5 -6005 -07 -9 -9002)

Finger Snap Luer Lock Ring



### MLRL004 (-1 -6005)

Male Luer to 500 Series Barb, 1/16" (1.6 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



### MLRL007 (-1 -6005 -6012)

Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



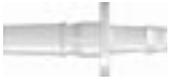
### MLSL007 (-9)

Male Luer to 500 Series Barb, 3/32" (2.4 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)



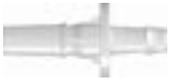
### MLRL013 (-1 -6005 -9)

Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



### MLSL013 (-6005)

Male Luer to 500 Series Barb, 1/8" (3.2 mm) ID Tubing (May be used with separate stationary lock ring; FSLLR)



### MLRL025 (-1 -6005 -9)

Male Luer to 500 Series Barb, 5/32" (4.0 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



### MLRL035 (-1 -6005 -9)

Male Luer to 500 Series Barb, 3/16" (4.8 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



### MLRL055 (-1 -9)

Male Luer to 500 Series Barb, 1/4" (6.4 mm) ID Tubing (May be used with separate rotating lock ring; FSLLR)



## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837**

## It's a Lock with Nordson MEDICAL!

Our MLRL and MLSL Series of fittings can be used both as a slip luer or as a locking luer with the addition of our FSLLR luer lock ring, which allows color coding without flow path contact. Our MLSL/FSLLR combination results in a stationary lock ring. Use a combination of MLRL and FSLLR to create a color coded rotating lock ring.



**MALE LUER:  
Slip****MTLS210 (-1 -6005)**

Male Luer Slip to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**MSL004 (-1 -9 -9002)**

Male Luer Slip to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

**MTLS220 (-1 -5 -6005 -6012 -9)**

Male Luer Slip to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**MSL007 (-9)**

Male Luer Slip to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

**MTLS230 (-1 -3 -5 -6005 -9002 -J2A)**

Male Luer Slip to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**MSL013 (-9)**

Male Luer Slip to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

**MTLS240 (-1 -81 -J2A)**

Male Luer Slip to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**MSL035 (-9002)**

Male Luer Slip to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

**FEMALE LUER:  
Thread Style****FTLL210 (-1 -3 -5 -6005 -9 -9002 -J2A)**

Female Luer Thread Style to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLL410 (-1 -6005)**

Female Luer Thread Style to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLL004 (-1 -6005 -9)**

Female Luer Thread Style to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLL220 (-1 -3 -5 -6005 -9 -J2A)**

Female Luer Thread Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLL420 (-1 -9 -J2A)**

Female Luer Thread Style to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLL007 (-2 -4 -06 -6005 -9)**

Female Luer Thread Style to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLL230 (-1 -2 -3 -6005 -9 -9002 -J2A -CM550)**

Female Luer Thread Style to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**FTLL430 (-6005 -9002 -J2A)**

Female Luer Thread Style to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**FTLL013 (-1 -2 -3 -4 -5 -6005 -9002)**

Female Luer Thread Style to 500 Series Barb, 1/8" (3.2 mm) ID Tubing



**FEMALE LUER:  
Thread Style****FTLL240 (-1 -3 -5 -6005 -9 -9002)**

Female Luer Thread Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**FTLL025 (-1 -2 -4 -6005 -07 -9)**

Female Luer Thread Style to 500 Series Barb, 5/32" (4.0 mm) ID Tubing

**FTLL445 (-6005 -J2A)**

Female Luer Thread Style to 400 Series Barb, .170" (4.3 mm) ID Tubing

**FTLL250 (-1 -3 -6005 -9 -J2A)**

Female Luer Thread Style to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL450 (-6005 -9)**

Female Luer Thread Style to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL035 (-1 -06 -6005 -9)**

Female Luer Thread Style to 500 Series Barb, 3/16" (4.8 mm) ID Tubing

**FTLL360 (-1 -5 -6005 -9 -9002 -J2A)**

Female Luer Thread Style to 300 Series Barb, 1/4" (6.4 mm) ID Tubing

**FTLL055 (-1 -3 -4 -6005 -07 -9 -9002)**

Female Luer Thread Style to 500 Series Barb, 1/4" (6.4 mm) ID Tubing

**FEMALE LUER:  
Smooth Bore Thread Style****FTLLSB004 (-6005)**

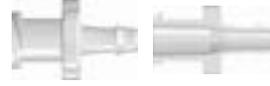
Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLLSB007 (-4)**

Female Luer Thread Style Smooth Bore to 500 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLLSB013 (-6005 -9)**

Female Luer Thread Style Smooth Bore to 500 Series Barb, 1/8" (3.2 mm) ID Tubing

**Why Choose a Smooth Bore?**

Our Smooth Bore Luers have a smooth inner transition providing for easy insertion of guide wires, probes and other devices.

**FEMALE LUER:  
Lug Style****FTL10 (-1 -6005 -9)**

Female Luer Lug Style to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**FTL210 (-1 -6005 -9)**

Female Luer Lug Style to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTL20 (-1 -07 -81)**

Female Luer Lug Style to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

**FTL220 (-1 -3 -5 -6005 -J2A)**

Female Luer Lug Style to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTL30 (-6005 -9)**

Female Luer Lug Style to Classic Series Barb, 1/8" (3.2 mm) ID Tubing



**FEMALE LUER:  
Lug Style****FTL230 (-1 -6005 -9)**

Female Luer Lug Style to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**FTL240 (-1)**

Female Luer Lug Style to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**LUER:  
Adapters, Couplers, and Lock Rings****FSLLR (-1 -2 -3 -4 -5 -06 -6005 -6012 -07 -9 -9002)**

Finger Snap Luer Lock Ring

**MLRLC (-1 -6005 -9)**

Male Luer Coupler (May be used with separate rotating lock rings; FSLLR)

**MTLCS (-1 -6005 -9)**

Male Luer Slip Coupler

**FTLLC (-1 -6005 -9 -9002 -J2A)**

Female Luer Thread Style Coupler

**FTLC (-1 -6005 -9002)**

Female Luer Lug Style Coupler

**LC34 (-1 -6005 -9)**

Male Luer Integral Lock Ring to Female Luer Thread Style Coupler

**LC78 (-6005 -9)**Male Luer to Female Luer Thread Style Coupler  
(May be used with separate rotating lock ring; FSLLR)**LUER:  
Adapters, Couplers, and Lock Rings****LT878 (-1 -6005)**Female Luer Thread Style (2) to Male Luer Tee  
(May be used with separate rotating lock ring; FSLLR)**LT787 (-1 -6005 -8012)**Male Luer (2) to Female Luer Thread Style Tee  
(May be used with separate rotating lock ring; FSLLR)**FTLT (-1 -6005 -9)**

Female Luer Lug Style Tee

**FTLLE (-6005 -9)**

Female Luer Thread Style Elbow

**FTLE (-6005 -9)**

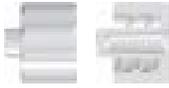
Female Luer Lug Style Elbow

**LE87 (-1 -6005 -8003 -9 -9002)**Male Luer to Female Luer Thread Style Elbow  
(May be used with separate rotating lock ring; FSLLR)**LE7220 (-1 -2)**Male Luer to 200 Series Barb Elbow, 3/32" (2.4 mm) ID Tubing  
(May be used with separate rotating lock ring; FSLLR)**LE7230 (-1 -6005 -9 -9010)**Male Luer to 200 Series Barb Elbow 1/8" (3.2 mm) ID Tubing  
(May be used with separate rotating lock ring; FSLLR)

## LUER: Plugs and Caps

### MTLLP (-1 -2 -6005 -9 -J2A)

Male Luer Integral Lock Ring Plug, Closed at Luer Tip



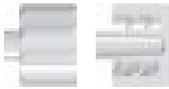
### MTLLPV-6005

Male Luer Integral Lock Ring Plug, Closed at Grip, 80369-7 Compliant, Clear Polycarbonate



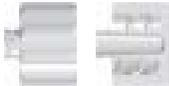
### LP4 (-1 -3 -6005 -9 -9002 -J2A)

Male Luer Integral Lock Ring Plug, Closed at Grip



### VLP4 (-1 -3 -6005 -81)

Male Luer Integral Lock Ring Vented Plug, Closed at Grip



### MLRLP (-6005)

Male Luer Plug (May be used with separate rotating lock ring; FSLLR)



### MLSLP (-9)

Male Luer Plug (May be used with separate stationary lock ring; FSLLR)



### MTLP (-1 -6005)

Male Luer Plug, Closed at Tether Loop  
(May be used with separate stationary lock ring; MLLR)



### MTLSP (-1 -6005 -81)

Male Luer Slip Plug, Closed at Grip



### FTLP (-6005)

Female Luer Lug Style Cap with Tether Loop



### FTLLP (-1 -2 -3 -5 -6005 -6012 -07 -81 -9 -9002 -J2A)

Female Luer Thread Style Cap



### LP34 (-1 -3 -6005 -9 -9002)

Male Luer Integral Lock Ring to Female Luer Thread Style Plug



## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837**

## Need it Fast?

You can order our parts online now with no order \$ minimums, 24 hours a day, 7 days a week!

**[www.nordsonmedical.com](http://www.nordsonmedical.com)**

**LUER TO THREAD:**

Male

**ABSML-6005 UNDER (-1 -6012)**

Male Luer with Rotating Lock Ring and 5/16" Hex to 1/4-28 UNF Bottom Sealing Thread

**18MTLL (-1 -2 -6005)**

Male Luer Integral Lock Ring with 7/16" Hex to 1/8-27 NPT Thread

**XMTLL (-1 -9)**

Male Luer Integral Lock Ring to 10-32 Special Tapered Thread

**14MTLL (-1 -6005 -6012)**

Male Luer Integral Lock Ring with 9/16" Hex to 1/4-18 NPT Thread

**SMTLL (-1 -6005 -J2A)**

Male Luer Integral Lock Ring to 1/4-28 UNF Thread

**BSMLRL (-6005)**

Male Luer with 5/16" Hex to 1/4-28 Bottom-Sealing Thread (May be used with separate rotating lock ring; FSLLR)

**Need More Details?**

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

**Looking for Something Different?**

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



**LUER TO THREAD:**  
Female**XFTLL (-1 -6005)**

Female Luer Thread Style with 1/4" Hex to 10-32 Special Tapered Thread

**KFTLL (-1 -6005 -9)**

Female Luer Thread Style with 1/4" Hex to 10-32 UNF Thread

**SFTLL (-1 -4 -06 -6005 -9)**

Female Luer Thread Style with 5/16" Hex to 1/4-28 UNF Thread

**BSFTLL (-1 -6005)**

Female Luer Thread Style with 5/16" Hex to 1/4-28 UNF Bottom Sealing Thread

**XFTL (-6005 -9)**

Female Luer Lug Style with 1/4" Hex to 10-32 Special Tapered Thread

**SFTL (-1 -9)**

Female Luer Lug Style with 5/16" Hex to 1/4-28 UNF Thread

**18FTLL (-1 -6005 -J2A)**

Female Luer Thread Style with 7/16" Hex to 1/8-27 NPT Thread

**18LFTLL (-1 -6005 -J2A)**

Female Luer Thread Style Elbow with 7/16" Hex to 1/8-27 NPT Thread

**PANEL MOUNTS:**  
Female Thread Style**FTLLB210 (-1 -6005 -9 -J2A)**

Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**FTLLB220 (-1 -2 -6005 -9 -J2A)**

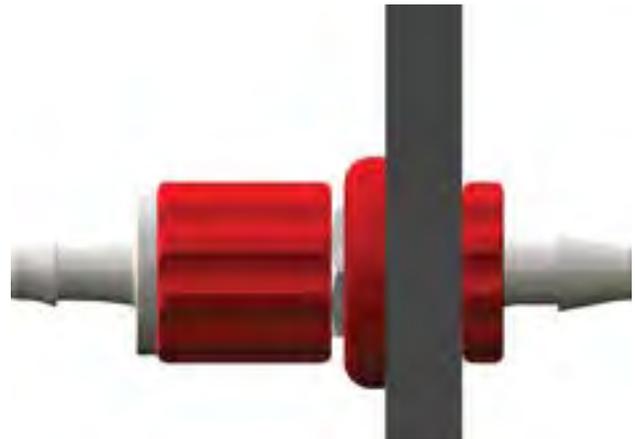
Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**FTLLB230 (-1 -2 -6005 -J2A)**

Female Luer Thread Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**FTLLBMLRL (-6005)**

Female Luer Thread Style Panel Mount 1/4-28 UNF to Male Luer (May be used with separate rotating lock ring; FSLLR)

**Fully Assembled Panel-Mounted Luer****Need More Details?**Additional threaded solutions are shown on **PG-102-111**. Check out all of our threaded style parts at [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).**Did You Know?**Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!

**PANEL MOUNTS:**  
Female Lug Style and Male Luer

**FTLB210 (-1 -6005)**

Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



**FTLB220 (-1 -9)**

Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



**FTLB230 (-1)**

Female Luer Lug Style Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



**MLRLB210 (-6005)**

Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 1/16" (1.6 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)



**MLRLB220 (-1)**

Male Luer Panel Mount 10-32 UNF to 200 Series Barb, 3/32" (2.4 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)



**MLRLB230 (-1)**

Male Luer Panel Mount 1/4-28 UNF to 200 Series Barb, 1/8" (3.2 mm) ID Tubing, (May be used with separate rotating lock ring; FSLLR)



**PANEL MOUNT ACCESSORIES:**  
Lock Nuts and Color Coding Rings

**CCR (-1 -2 -3 -07)**

Color Coded Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)



**CCLR (-1 -2 -3 -4 -5 -06 -07)**

Color Coded Lock Ring (For use with PMS, PMK, FTLLB or FTLB panel mount fittings)



**PMKN (-XO)**

Panel Mount Nut 10-32 UNF with 3/8" Hex (For use with PMK panel mount fittings)



**PMSN (-XO)**

Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with PMS, FTLB, and FTLLB panel mount fittings)



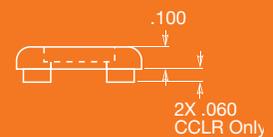
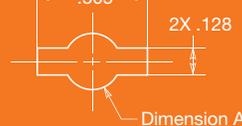
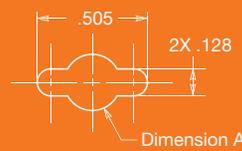
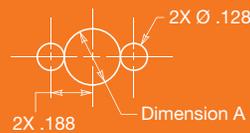
**LNS (-1 -2 -3 -5 -J2A)**

1/4-28 UNF Panel Mount Lock Nut (For use with PMS, FTLLB or FTLB panel mount fittings)



**Select the Correct Lock Nut for Your Panel Mount:**

PART	Dimension A	Use Lock Nut
FTLLB Series	.255"	PMSN or LNS
FTLB Series	.255"	PMSN or LNS
FTLLBMLRL	.255"	PMSN or LNS
MLRLB210	.193"	PMKN
MLRLB220	.193"	PMKN
MLRLB230	.255"	PMSN or LNS



# TUBE

## FITTINGS

Straight Throughs  
**PG-21**



Straight Through Reducers  
**PG-22**



Elbows  
**PG-24**



Elbow Reducers  
**PG-25**



Tees  
**PG-25**



Tee Reducers  
**PG-26**



Ys  
**PG-28**



Multiports  
**PG-29**



Press-In Plugs  
**PG-30**



Ultrasonically Weldable Barbs  
**PG-31**



Panel Mounts & Accessories  
**PG-31**



Large Tube Fittings  
**PG-95**



Nordson MEDICAL offers barbed tube fittings and tubing connectors in sizes ranging from 1/16" (1.6 mm) to 1.5" (38.1 mm) tubing ID in over 100 separate configurations in nylon, polypropylene, polycarbonate and PVDF, with other engineering resins available on special order. Available barbed fitting styles include straight tube connectors, elbow fittings, tee fittings, crosses, Y (wye) connectors, multi-port connectors, and multiple straight, elbow and tee reducer combinations.

Several barb styles are offered to provide designers the widest range of assembly forces, pulloff resistance and blowoff resistance – without the need for clamps. Review the descriptions for each of the styles to determine what's best for your application.

### Small Bore Barb Styles

Tube ID	Classic	200 Series	400 Series	500 Series
1/16" (1.6 mm)	X	X	X	X
3/32" (2.4 mm)	X	X	X	X
1/8" (3.2 mm)	X	X	X	X
5/32" (4.0 mm)	X	X	X	X
3/16" (4.8 mm)	X	X	X	X
1/4" (6.4 mm)	X	X	X	X
5/16" (8.0 mm)				X

### Large Bore Barb Styles

Tube ID	500 Series	600 Series	900 Series
3/8" (9.5 mm)	X	X	X
1/2" (12.7 mm)	X	X	X
5/8" (16.0 mm)	X	X	
3/4" (19.0 mm)	X	X	
1" (25.4 mm)	X	X	
1.5" (38.1 mm)		X	

## TUBE FITTINGS: Straight Through

### AA (-1 -6005)

Straight Through Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tub-



### N210 (-1 -2 -6005 -9)

Straight Through Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing



### N410 (-1 -6005)

Straight Through Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing



### N004 (-6005 -9 -J2A)

Straight Through Connector with 500 Series Barbs, 1/16" (1.6 mm) ID Tubing



### DD (-1 -2 -6005 -9)

Straight Through Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tub-



### N220 (-1 -6005 -9)

Straight Through Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



### N420 (-1 -6005 -J2A)

Straight Through Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing



### N007 (-1 -2)

Straight Through Connector with 500 Series Barbs, 3/32" (2.4 mm) ID Tubing



### CC (-1 -6005)

Straight Through Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing



### N230 (-1 -2 -3 -5 -6005 -9 -J2A)

Straight Through Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing



### N430 (-1 -6005)

Straight Through Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing



### N013 (-1 -6005 -9 -J2A -9002)

Straight Through Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing



### 4040 (-1 -2 -6005 -J2A)

Straight Through Connector with Classic Series Barbs, 5/32" (4.0 mm) ID Tubing



### N440 (-6005 -J2A)

Straight Through Connector with 400 Series Barbs, 5/32" (4.0 mm) ID Tubing



### N025 (-1 -6005)

Straight Through Connector with 500 Series Barbs, 5/32" (4.0 mm) ID Tubing



### 5050 (-1 -2 -6005 -9002)

Straight Through Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing



### N035 (-1 -6005 -J2A)

Straight Through Connector with 500 Series Barbs, 3/16" (4.8 mm) ID Tubing



### 6060 (-6005 -9 -J2A)

Straight Through Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing



### N055 (-2 -6005 -9)

Straight Through Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing



### N065 (-2)

Straight Through Connector with 500 Series Barbs, 5/16" (8 mm) ID Tubing



## Need Larger Fittings?

You can find tube fittings for 3/8" (9.5 mm) ID tubing and larger in our selection of BioProcessing Fittings beginning on [page 95](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

## TUBE FITTINGS: Straight Through Reducer

### AD (-1 -6005 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



### N220/210 (-1 -6005)

Straight Through Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



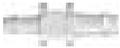
### N420/410 (-1 -6005 -10)

Straight Through Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



### N007/004 (-6005 -J2A)

Straight Through Reduction Connector with 500 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



### AC (-0 -1 -2 -6005 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### N230/210 (-1 -6005 -9)

Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### N430/410 (-1)

Straight Through Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### N013/004 (-1 -2 -6005 -9)

Straight Through Reduction Connector with 500 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### DC (-1 -6005 -9)

Straight Through Reduction Connector with Classic Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### N230/220 (-1 -6005 -07 -9 -J2A)

Straight Through Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### N430/420 (-1 -2 -6005 -6012)

Straight Through Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



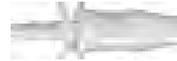
### N013/007 (-1 -2 -6005 -6012 -9002)

Straight Through Reduction Connector with 500 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### 1040 (-1 -6005 -9)

Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 1/16" (1.6 mm) ID Tubing



### N025/004 (-1 -2)

Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 1/16" (1.6 mm) ID Tubing



### 2040 (-1 -6005 -9)

Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 3/32" (2.4 mm) ID Tubing



### N025/007 (-9)

Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 3/32" (2.4 mm) ID Tubing



### 3040 (-1 -2 -6005 -9 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 5/32" (4.0 mm) and 1/8" (3.2 mm) ID Tubing



### N025/013 (-9 -J2A)

Straight Through Reduction Connector with 500 Series Barbs, 5/32" (4.0 mm) and 1/8" (3.2 mm) ID Tubing



### 2050 (-6005)

Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 3/32" (2.4 mm) ID Tubing



### N035/007 (-2 -9)

Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 3/32" (2.4 mm) ID Tubing



## TUBE FITTINGS: Straight Through Reducer

### 3050 (-1 -6005 -81 -9 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 1/8" (3.2 mm) ID Tubing



### N035/013 (-6005 -81)

Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 1/8" (3.2 mm) ID Tubing



### 4050 (-2 -6005 -9 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 3/16" (4.8 mm) and 5/32" (4.0 mm) ID Tubing



### N035/025 (-2 -6005 -9)

Straight Through Reduction Connector with 500 Series Barbs, 3/16" (4.8 mm) and 5/32" (4.0 mm) ID Tubing



### 3060 (-1 -6005 -9 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing



### N055/013 (-6005 -J2A)

Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing



### 4060 (-1 -6005 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 5/32" (4.0 mm) ID Tubing



### N055/025 (-1 -2 -6005)

Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 5/32" (4.0 mm) ID Tubing



### 5060 (-1 -6005 -9 -9002 -J2A)

Straight Through Reduction Connector with Classic Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing



### N055/035 (-2 -6005)

Straight Through Reduction Connector with 500 Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing



### N065/035 (-6005)

Straight Through Reduction Connector with 500 Series Barbs, 5/16" (8.0 mm) and 3/16" (4.8 mm) ID Tubing



### N065/055 (-1 -6005)

Straight Through Reduction Connector with 500 Series Barbs, 5/16" (8.0 mm) and 1/4" (6.4 mm) ID Tubing



## Need Larger Fittings?

You can find tube fittings for 3/8" (9.5 mm) ID tubing and larger in our selection of BioProcessing Fittings beginning on [page 95](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

## Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)

## TUBE FITTINGS: Elbow

### L10 (-2 -6005)

Elbow Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing



### L210 (-1 -2 -6005)

Elbow Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing



### L410 (-1 -6005)

Elbow Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing



### L20 (-6005)

Elbow Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing



### L220 (-1 -6005 -6012 -9002)

Elbow Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



### L420 (-1 -6005 -J2A)

Elbow Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing



### L30 (-1 -2 -6005)

Elbow Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing



### L230 (-1 -2 -6005 -J2A)

Elbow Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing



### L430 (-1 -2 -6005)

Elbow Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing



### L40 (-1 -6005)

Elbow Connector with Classic Series Barbs, 5/32" (4.0 mm) ID Tubing



### L440 (-2)

Elbow Connector with 400 Series Barbs, 5/32" (4.0 mm) ID Tubing



### L50 (-1 -6005)

Elbow Connector with Classic Series Barbs, 3/16" (4.8 mm) ID Tubing



### L60 (-1 -6005)

Elbow Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing



## Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

## TUBE FITTINGS: Elbow Reducer

### L220/210 (-1 -6005 -9)

Elbow Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



### L230/210 (-1 -2 -6005 -J2A)

Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### L230/220 (-1 -2 -6005 -9)

Elbow Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### L430/420 (-1 -2)

Elbow Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



## Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

## Need Larger Fittings?

You can find tube fittings for 3/8" (9.5 mm) ID tubing and larger in our selection of BioProcessing Fittings beginning on [page 95](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

## TUBE FITTINGS: Tee

### T10 (-1 -6005)

Tee Connector with Classic Series Barbs, 1/16" (1.6 mm) ID Tubing



### T210 (-1 -2 -6005)

Tee Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing



### T410 (-1)

Tee Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing



### T20 (-1 -6005)

Tee Connector with Classic Series Barbs, 3/32" (2.4 mm) ID Tubing



### T220 (-1 -6005 -6012)

Tee Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



### T420 (-1 -6005 -J2A)

Tee Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing



### T30 (-1 -2 -6005 -9)

Tee Connector with Classic Series Barbs, 1/8" (3.2 mm) ID Tubing



## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.  
**+1 (970) 267-5200 Toll Free: (888) 404-5837**

**TUBE FITTINGS:**

**Tee**

**T230 (-1 -2 -6005 -J2A)**

Tee Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing



**T430 (-6005 -9002 -J2A)**

Tee Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing



**T013 (-6005)**

Tee Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing



**T40 (-1 -6005)**

Tee Connector with Classic Series Barbs, 5/32" (4 mm) ID Tubing



**T250 (-2 -6005)**

Tee Connector with 200 Series Barbs, 3/16" (4.8 mm) ID Tubing



**T60 (-1 -2 -6005)**

Tee Connector with Classic Series Barbs, 1/4" (6.4 mm) ID Tubing



**T055 (-6005)**

Tee Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing



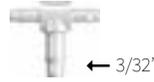
TUBE-TO-TUBE  
FITTINGS

**TUBE FITTINGS:**

**Tee Reducer**

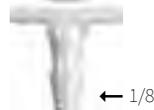
**T410/420 (-2 -6005)**

Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 3/32" (2.4 mm) ID Tubing



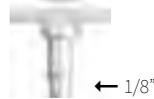
**T210/230 (-1 -6005 -9)**

Tee Reduction Connector with 200 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing



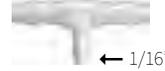
**T410/430 (-2 -6005)**

Tee Reduction Connector with 400 Series Barbs, 1/16" (1.6 mm) and 1/8" (3.2 mm) ID Tubing



**T220/210 (-1 -2 -6005 -9)**

Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



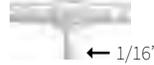
**T220R210 (-2 -9)**

Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



**T420/410 (-2)**

Tee Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



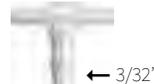
**T420R410 (-1 -2)**

Tee Reduction Connector with 400 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



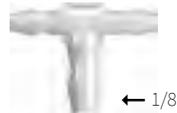
**T210/220 (-6005 -9)**

Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/16" (1.6 mm) ID Tubing



**T220/230 (-1 -6005 -9)**

Tee Reduction Connector with 200 Series Barbs, 3/32" (2.4 mm) and 1/8" (3.2 mm) ID Tubing



## TUBE FITTINGS: Tee Reducer

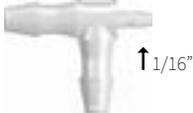
### T230/210 (-1 -2 -6005 -J2A)

Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



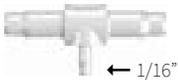
### T230R210 (-1)

Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



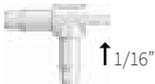
### T430/410 (-2)

Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



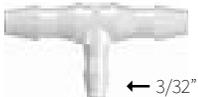
### T430R410 (-1 -2 -6005)

Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



### T230/220 (-1 -2 -6005 -9 -J2A)

Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



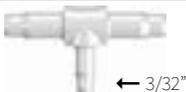
### T230R220 (-9)

Tee Reduction Connector with 200 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### T430/420 (-1 -2 -3)

Tee Reduction Connector with 400 Series Barbs, 1/8" (3.2 mm) and 3/32" (2.4 mm) ID Tubing



### T360/220 (-2 -6005 -9)

Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 3/32" (2.4 mm) ID Tubing



### T360/230 (-1 -6005 -9)

Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 1/8" (3.2 mm) ID Tubing



### T360/250 (-1 -2 -9)

Tee Reduction Connector with 200 and 300 Series Barbs, 1/4" (6.4 mm) and 3/16" (4.8 mm) ID Tubing



## Need Larger Fittings?

You can find tube fittings for 3/8" (9.5 mm) ID tubing and larger in our selection of BioProcessing Fittings beginning on **page 95** and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

## Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

**Y210 (-1 -2 -6005 -9 -J2A)**

Y Connector with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing

**Y410 (-6005)**

Y Connector with 400 Series Barbs, 1/16" (1.6 mm) ID Tubing

**Y220 (-1 -2 -6005 -9 -J2A)**

Y Connector with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing

**Y420 (-1 -6005)**

Y Connector with 400 Series Barbs, 3/32" (2.4 mm) ID Tubing

**Y230 (-1 -2 -6005 -9 -9002 -9010 -J2A)**

Y Connector with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y430 (-1 -2 -6005 -J2A)**

Y Connector with 400 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y013 (-6005)**

Y Connector with 500 Series Barbs, 1/8" (3.2 mm) ID Tubing

**Y240 (-1 -6005 -9 -J2A)**

Y Connector with 200 Series Barbs, 5/32" (4.0 mm) ID Tubing

**Y250 (-1 -6005 -9 -J2A)**

Y Connector with 200 Series Barbs, 3/16" (4.8 mm) ID Tubing

**Y450 (-1 -6005 -6012)**

Y Connector with 400 Series Barbs, 3/16" (4.8 mm) ID Tubing

**Y260 (-1 -2 -6005 -9 -9002 -J2A)**

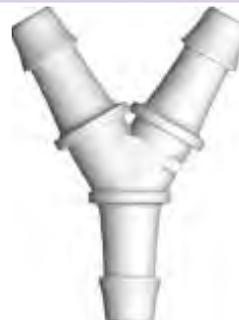
Y Connector with 200 Series Barbs, 1/4" (6.4 mm) ID Tubing

**Y460 (-1 -6005 -9 -J2A)**

Y Connector with 400 Series Barbs, 1/4" (6.4 mm) ID Tubing

**Y055 (-6005)**

Y Connector with 500 Series Barbs, 1/4" (6.4 mm) ID Tubing



**TUBE FITTINGS:**  
Multiport

**3PF210 (-6005)**

Three-Port F Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing



**3PF220 (-6005)**

Three-Port F Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing



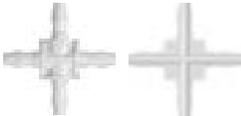
**3PF230 (-1 -6005)**

Three-Port F Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



**4PX210 (-1 -6005)**

Four-Port Cross Style Manifold with 200 Series Barbs for 1/16" (1.6 mm) ID Tubing



**4PX220 (-1 -6005)**

Four-Port Cross Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing



**4PX230 (-1 -6005)**

Four-Port Cross Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



**4PDL220 (-1)**

Four-Port Double Elbow Style Manifold with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



**4PLL210 (-6005)**

Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/16" (1.6 mm) ID Tubing



**4PLL220 (-1 -6005 -9)**

Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



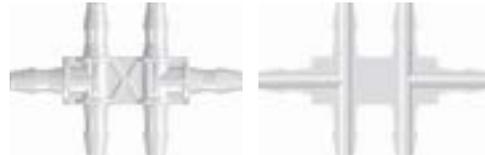
**4PLL230 (-1 -2 -6005)**

Four-Port Thru Flow Double Elbow Style Manifold with 200 Series Barbs, 1/8" (3.2 mm) ID Tubing



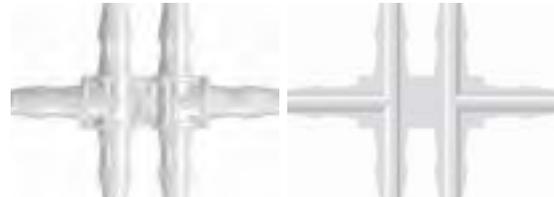
**6PDT220 (-6005)**

Six-Port Double T Style Manifold with 200 Series Barbs for 3/32" (2.4 mm) ID Tubing



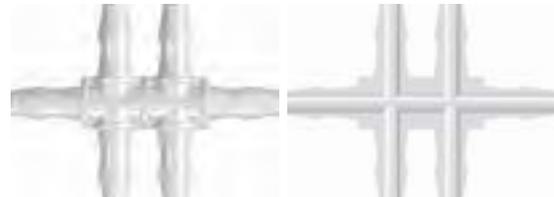
**6PDT230 (-1)**

Six-Port Double T Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



**6PTT230 (-6005)**

Six-Port Thru Flow Double T Style Manifold with 200 Series Barbs for 1/8" (3.2 mm) ID Tubing



**Need Larger Fittings?**  
You can find tube fittings for 3/8" (9.5 mm) ID tubing and larger in our selection of BioProcessing Fittings beginning on **page 95** and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

## TUBE FITTINGS: Press-In Plugs

### PIP10 (-1)

Press-In Plug with Classic Series Barb, 1/16" (1.6 mm) ID Tubing



### PIP210 (-2)

Press-In Plug with 200 Series Barb, 1/16" (1.6 mm) ID Tubing



### PIP20 (-6005)

Press-In Plug with Classic Series Barb, 3/32" (2.4 mm) ID Tubing



### PIP220 (-1 -6005 -6012 -J2A)

Press-In Plug with 200 Series Barb, 3/32" (2.4 mm) ID Tubing



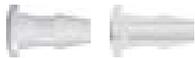
### PIP30 (-6005 -J2A)

Press-In Plug with Classic Series Barb, 1/8" (3.2 mm) ID Tubing



### PIP230 (-1 -6005 -6012 -J2A)

Press-In Plug with 200 Series Barb, 1/8" (3.2 mm) ID Tubing



### PIP40 (-6005)

Press-In Plug with Classic Series Barb, 5/32" (4.0 mm) ID Tubing



### PIP240 (-1 -2)

Press-In Plug with 200 Series Barb, 5/32" (4.0 mm) ID Tubing



### PIP50 (-1 -6005)

Press-In Plug with Classic Series Barb, 3/16" (4.8 mm) ID Tubing



### PIP60 (-6005 -J2A)

Press-In Plug with Classic Series Barb, 1/4" (6.4 mm) ID Tubing



## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



**TUBE FITTINGS:**  
Ultrasonically Weldable Barb

**U10 (-1 -2 -9)**

Ultrasonically Weldable Fitting to Classic Series Barb, 1/16" (1.6 mm) ID Tubing



**U20 (-1 -7)**

Ultrasonically Weldable Fitting to Classic Series Barb, 3/32" (2.4 mm) ID Tubing



**U30 (-1 -7)**

Ultrasonically Weldable Fitting to Classic Series Barb, 1/8" (3.2 mm) ID Tubing



**TUBE FITTINGS PANEL MOUNTS:**  
Straight Through and Reducer

**PMK210 (-1 -6005)**

Panel Mount Connector 10-32 UNF to 200 Series Barbs, 1/16" (1.6 mm) ID Tubing



**PMK220 (-1 -6005 -J2A)**

Panel Mount Connector 10-32 UNF to 200 Series Barbs, 3/32" (2.4 mm) ID Tubing



**PMS230 (-1 -6005)**

Panel Mount Connector 1/4-28 UNF to 200 Series Barbs, 1/8" (3.2 mm) ID Tubing



**PMS230-210 (-1)**

Panel Mount Reduction Connector 1/4-28 UNF to 200 Series Barbs, 1/8" (3.2 mm) and 1/16" (1.6 mm) ID Tubing



**TUBE FITTINGS PANEL MOUNT ACCESSORIES:**  
Lock Nuts and Color Coding Rings

**CCLR (-1 -2 -3 -4 -5 -06 -07)**

Color Coded Lock Ring  
(For use with PMS, PMK, FTLLB or FTLB panel mount fittings)



**PMKN (-XO)**

Panel Mount Nut 10-32 UNF with 3/8" Hex  
(For use with PMK panel mount fittings)



**PMSN (-XO)**

Panel Mount Nut 1/4-28 UNF with 7/16" Hex  
(For use with PMS, FTLB, and FTLLB panel mount fittings)



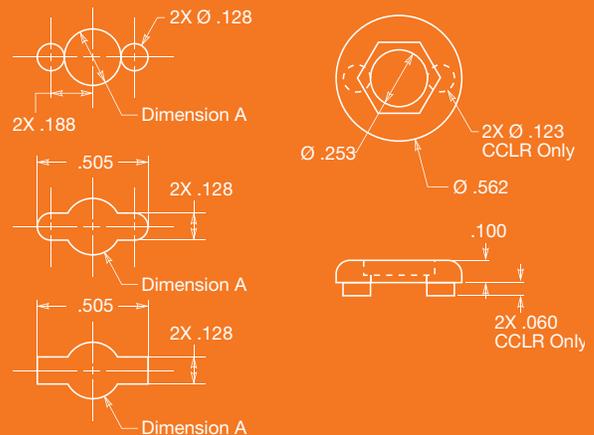
**LNS (-1 -2 -3 -4 -5 -06 -07 -J2A)**

1/4-28 UNF Panel Mount Lock Nut  
(For use with PMS, FTLLB or FTLB panel mount fittings)



**Select the Correct Lock Nut for Your Panel Mount:**

PART	Dimension A	Use Lock Nut
PMK Series	.193"	PMKN
PMS Series	.255"	PMSN or LNS



# ISO 80369

## COMPLIANT CONNECTORS

### ISO 80369-3 (Enteral) Compliant Connectors PG-33



### ISO 80369-5 (Blood Pressure) Compliant Connectors PG-33



### ISO 80369-6 (Neuraxial) Compliant Connectors PG-34



### ISO 80369-7 (Intravascular) Compliant Connectors PG-34



### What is ISO 80369

Hospitals and other healthcare facilities depend on a variety of catheters, tubing and syringes to deliver medications and other substances to patients through vascular, enteral, respiratory, epidural and intrathecal delivery systems. These delivery systems frequently employ fittings called luer connectors to link various system components. Unfortunately, because luer connectors are ubiquitous, easy-to-use, and compatible between different delivery systems, end users can inadvertently connect the incorrect systems together. These misconnections can cause medication or other fluids to be delivered through the wrong route, resulting in serious patient injuries and even death. In an effort to reduce the occurrence of these misconnections, the FDA is in collaboration with the International Organization for Standardization (ISO) and the Association for the Advancement of Medical Instrumentation (AAMI) to develop standards for the non-interconnectability of small bore medical connectors. A joint working group established by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) leads this effort to develop a series of standards for incompatible connectors.

Nordson MEDICAL is well positioned to help you with your tubing connection needs. Our parts are designed, tested, qualified, and documented to be compliant with these new standards. Because Nordson MEDICAL's Value Plastics product line team has participated on the committees developing these standards, you can be assured of a full understanding of the testing and compliance requirements.

### Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

[www.nordsonmedical.com](http://www.nordsonmedical.com)

# ISO 80369-1

## General Requirements

The ISO 80369-1 standard provides general requirements to prevent misconnections between small-bore connectors used in various medical devices.

# ISO 80369-2

## Breathing Systems and Driving Gases

Respiratory applications include connectors designed for low flow, such as flowmeters, nebulizers, nasal cannulae, and ventilators. This application aims to interact with the human body's airways in various modalities.

# ISO 80369-3

## Enteral

Enteral and gastric applications drive the requirements for these connectors, which have a larger bore than standard luers. The goal of this application is to deliver nutrition directly to the patient when normal eating is not possible.

### ISO 80369-3 COMPLIANT PARTS: Enteral

#### ENTFTC (-VP1)

Tethered Cap, Fits Enteral Male Connector, Animal-Free Polyethylene



#### ENTM230 (-6005)

Enteral Male Connector with Barb for 1/8" (3.2 mm) ID Tubing, Animal-Free Polypropylene



# ISO 80369-4

## Urinary (Urethral)

This section of ISO 80369 is yet to be published (as of 2023), but will aim to define the connectors associated with urinary and urethral devices with the purpose of draining urine from the bladder.

# ISO 80369-5

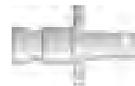
## Limb Cuff and Blood Pressure

Limb cuff inflation includes blood pressure monitoring and tourniquets, inflating devices external to the human body. These connectors are characterized by smaller bores to not misconnect with other devices that interact with the body.

### ISO 80369-5 COMPLIANT PARTS: Limb Cuff and Blood Pressure

#### BPM013 (-1)

Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing



#### BPM240 (-1)

Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing



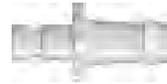
#### BPM025 (-1)

Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing



#### BPM035 (-1, 1A)

Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing



#### BPMB230 (-1)

Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 80369-5 Compliant, 1/4-28 UNF Thread, 1/8" (3.2 mm) ID Tubing



# ISO 80369-6

## Neuraxial

Neuraxial applications are designed around anesthesia and spinal fluid procedures. This includes intrathecal injections, epidural infusions, nerve blocks, peripheral infusions and cerebro-spinal fluid drainage.

ISO  
80369

### ISO 80369-6 COMPLIANT PARTS: Neuraxial

#### NEFC-50

Neuraxial Female Cap, Fits Neuraxial Male Connector, Clear Acrylic



COMPLIANT

#### NEFC-8012

Neuraxial Female Cap, Fits Neuraxial Male Connector, White ABS



COMPLIANT

#### NEFCV-50

Neuraxial Female Vented Cap, Fits Neuraxial Male Connector, Clear Acrylic



COMPLIANT

#### NEFCV-9010

Neuraxial Female Vented Cap, Fits Neuraxial Male Connector, Polycarbonate



COMPLIANT

#### NEFE21-9010

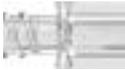
Neuraxial Female Connector, 2.1 mm Tubing Bond-In Pocket, Polycarbonate



COMPLIANT

#### NEFE31-9010

Neuraxial Female Connector, 3.1 mm Tubing Bond-In Pocket, Polycarbonate



COMPLIANT

#### NEME31-9010

Neuraxial Male Connector, 2.1 mm Tubing, Bond-In Pocket, Polycarbonate



COMPLIANT

#### NEMP-50

Neuraxial Male Plug, Fits Neuraxial Female Connector, Clear Acrylic



COMPLIANT

# ISO 80369-7

## Intravascular and Hypodermic

Intended for intravascular (I.V.) and hypodermic applications, the publication supersedes the legacy ISO 594 standard, which defined tapered luer connectors historically.

### ISO 80369-7 COMPLIANT PARTS: Intravascular and Hypodermic

#### FCVFFM-008

3-Way Stopcock, Female Luer to Female Luer to Male Luer, 80369-7 Compliant, Clear Polycarbonate Body, Natural HDPE Diverter



COMPLIANT

#### FCVFM-001

1-Way Low-Pressure Stopcock, Female Luer to Male Luer, 80369-7 Compliant, Radiation-Stable Polycarbonate Body, Natural HDPE Diverter



COMPLIANT

#### MTLLPV-6005

Male Luer Integral Lock Ring Plug, Closed at Grip, 80369-7 Compliant, Clear Polycarbonate



COMPLIANT

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

# PHARMA+™

## Tubing Retainers

Experience leak-free fluid transfer like never before with our advanced tubing retainers. Designed to effortlessly secure tubing over hose barbs, our patent-pending retainers feature a revolutionary lead-in ramp ensuring complete 360° compression to prevent leaks, while ribs on both edges provide an extra layer of protection. Crafted for compatibility, they work seamlessly with silicone, TPE, and PVC tubing, making them a versatile choice for biopharm processing and high-pressure medical applications. Their intuitive, clean room-molded design ensures easy, contamination-free assembly, further supported by their recyclable composition. Choose reliability, choose efficiency – choose Pharma+ Tubing Retainers and conquer fluid transfer challenges with confidence.

### Features & Benefits:

- Lead-in ramp creates complete 360° compression for leak prevention
- Intuitive design for easy assembly using existing cable tie tension tools
- Three sizes cover a range of tubing IDs and ODs
- Covering of barb edge creates a secure attachment and prevents leaks from ballooned tubing
- Clean room molded to prevent contamination
- Materials meet USP Class VI & ISO 10993 criteria
- Validated plastic material does not corrode
- Recyclable for easy disposal

### Specifications:

#### Material:

- Polyketone (PK)

#### Tubing ID Sizes:

- TR30/50-PK: 1/8" (3.2 mm) to 3/16" (4.8 mm)
  - TR55/70-PK: 1/4" (6.4 mm) to 3/8" (9.5 mm)
  - TR80/100-PK: 1/2" (12.7 mm) to 3/4" (19.0 mm)
- Coming Soon

#### Tubing OD Sizes:

- TR30/50-PK: 1/4" (6.4 mm) to 7/16" (11.1 mm)
  - TR55/70-PK: 3/8" (9.5 mm) to 5/8" (15.9 mm)
  - TR80/100-PK: 5/8" (15.9 mm) to 1-1/8" (28.6 mm)
- Coming Soon

#### Sterilization:

- Gamma radiation up to 50 kGy
- Autoclavable up to 250° F (121° C)
- X-ray sterilization up to 50 kGy

#### Operating Pressure:

- 80 psi pressure rating to 120 psi burst

### PHARMA+ Tubing Retainers

#### TR30/50-PK5

Tubing Retainer 1/4" (6.4 mm) to 7/16" (11.1 mm) OD Tubing, Polyketone



#### TR55/70-PK5

Tubing Retainer 3/8" (9.5 mm) to 5/8" (15.9 mm) OD Tubing, Polyketone



#### TR80/100-PK5 (Coming Soon)

Tubing Retainer 5/8" (15.9 mm) to 1-1/8" (28.6 mm) OD Tubing, Polyketone



# QUICK CONNECT

## COUPLINGS



10 Series - 1/16"  
Flow Size **PG-36**



20 Series - 1/8"  
Flow Size **PG-38**



30 Series - 1/8"  
Flow Size **PG-45**



33 Series - 1/8"  
Flow Size **PG-45**



40 Series - 1/4"  
Flow Size **PG-46**



42 Series - 3/32"  
Flow Size **PG-50**



50 Series - 1/4"  
Flow Size **PG-51**



55 Series - 1/8" - 1/4"  
Flow Size **PG-54**



60 Series - 3/8"  
Flow Size **PG-54**



65 Series - 1/2"  
Flow Size **PG-58**



100 Series - 1/16"  
Flow Size **PG-59**



MQC Series  
**PG-60**



RQ Series  
**PG-61**



SBL Series  
**PG-62**



XQ Series  
**PG-63**



Filtration Connectors  
**PG-64**



### Our medical quick connect line is incredible -

Quick connect couplings allow you to quickly and easily connect or disconnect fluid transfer lines, without using tools and without disrupting tubing pressure. Sizes range from 1/16" (1.6 mm) to 1/2" (12.7 mm) ID tubing.

## 10 Series

### Quick Connect Couplings

#### 10 SERIES - 1/16" FLOW SIZE: Female Open Flow Straight



#### Reference part shown: 10AC-S2-02

##### 10AC-S2-02

LinkTech 10AC Series Straight Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

##### 10AC-S2-02BLK

LinkTech 10AC Series Straight Female, Non-Valved, 1/8" Hose Barb, Black, Acetal

##### 10AC-S2-02NSBLK

LinkTech 10AC Series Straight Female, Non-Valved, 1/8" Hose Barb, No Sleeve, Black, Acetal

##### 10AC-S2-M3BLK

LinkTech 10AC Series Straight Female, Non-Valved, 3 mm Hose Barb, Black, Acetal

##### 10PP-S2-01

LinkTech 10PP Series Straight Female, Non-Valved, 1/16" Hose Barb, Polypropylene

##### 10PP-S2-M3NS

LinkTech 10PP Series Straight Female, Non-Valved, 3 mm Hose Barb, No Sleeve, Polypropylene

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!



**Reference part shown: 10AC-PB2-02**

**10AC-PB2-01**

LinkTech 10AC Series Straight Male, Non-Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

**10AC-PB2-02**

LinkTech 10AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**10AC-PB2-02BLK**

LinkTech 10AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Black, Acetal, Buna-N O-ring

**10AC-PB2-M3**

LinkTech 10AC Series Straight Male, Non-Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring

**10PP-PE2-01**

LinkTech 10PP Series Straight Male, Non-Valved, 1/16" Hose Barb, Polypropylene, EPDM O-ring

**10PP-PE2-M3NS**

LinkTech 10PP Series Straight Male, Non-Valved, 3 mm Hose Barb, No Sleeve, Polypropylene, EPDM O-ring

**10 SERIES - 1/16" FLOW SIZE:**  
Female Open Flow Panel Mount



**Reference part shown: 10AC-S3-02**

**10AC-S3-01**

LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/16" Hose Barb, Natural Acetal

**10AC-S3-02**

LinkTech 10AC Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

**10PP-S3-01**

LinkTech 10PP Series Panel Mount Female, Non-Valved, 1/16" Hose Barb, Polypropylene

**10PP-S3-M3**

LinkTech 10PP Series Panel Mount Female, Non-Valved, 3 mm Hose Barb, Polypropylene



**Reference part shown: 10AC-PB3-02**

**10AC-PB3-02**

LinkTech 10AC Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**10AC-PB3-M3**

LinkTech 10AC Series Panel Mount Male, Non-Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring

**10AC-PB3-M3BLK**

LinkTech 10AC Series Panel Mount Male, Non-Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

**10PP-PE3-01**

LinkTech 10PP Series Panel Mount Male, Non-Valved, 1/16" Hose Barb, Polypropylene, EPDM O-ring

**10 SERIES - 1/16" FLOW SIZE:**  
Female Valved Straight



**Reference part shown: 10ACV-SB2-02**

**10ACV-SB2-01NSBLK**

LinkTech 10AC Series Straight Female, Valved, 1/16" Hose Barb, No Sleeve, Black, Acetal, Buna-N O-ring

**10ACV-SB2-02**

LinkTech 10AC Series Straight Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**10ACV-SB2-M3**

LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, Natural Acetal, Buna-N O-ring

**10ACV-SB2-M3BLK**

LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

**10ACV-SB2-M3NSBLK**

LinkTech 10AC Series Straight Female, Valved, 3 mm Hose Barb, No Sleeve, Black, Acetal, Buna-N O-ring

**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.

## 10 SERIES - 1/16" FLOW SIZE: Female Valved Panel Mount



### Reference part shown: 10ACV-SB3-02

#### 10ACV-SB3-01

LinkTech 10AC Series Panel Mount Female, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 10ACV-SB3-02

LinkTech 10AC Series Panel Mount Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 10ACV-SB3-M3BLK

LinkTech 10AC Series Panel Mount Female, Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

QUICK  
CONNECTS

## 10 SERIES - 1/16" FLOW SIZE: Male and Female Sets



### Reference part shown: 10AC2-02BLK

#### 10AC2-02BLK

LinkTech 10AC Series Straight Coupling, Non-Valved, 1/8" Hose Barb, Black, Acetal, Buna-N O-ring

#### 10AC2-M3BLK

LinkTech 10AC Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Black, Acetal, Buna-N O-ring

## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837**

## Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

# 20Series

## Quick Connect Couplings

## 20 SERIES - 1/8" FLOW SIZE: Female Open Flow Straight



### Reference part shown: 20AC-S2-04

#### 20AC-S1-02

LinkTech 20AC Series Male Thread Female, Non-Valved, 1/8" MNPT, Natural Acetal

#### 20AC-S1-02BSPT

LinkTech 20AC Series Male Thread Female, Non-Valved, 1/8" BSPT, Natural Acetal

#### 20AC-S1-04

LinkTech 20AC Series Male Thread Female, Non-Valved, 1/4" MNPT, Natural Acetal

#### 20AC-S2-02

LinkTech 20AC Series Straight Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

#### 20AC-S2-03

LinkTech 20AC Series Straight Female, Non-Valved, 3/16" Hose Barb, Natural Acetal

#### 20AC-S2-04

LinkTech 20AC Series Straight Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

#### 20AC-S9-04

LinkTech 20AC Series Straight Female, Non-Valved, 1/4" PTF, Natural Acetal

#### 20CB-S1-02

LinkTech 20CB Series Male Thread Female, Non-Valved, 1/8" MNPT, Chrome Brass

#### 20CB-S1-02BSPT

LinkTech 20CB Series Male Thread Female, Non-Valved, 1/8" BSPT, Chrome Brass

#### 20CB-S9-04

LinkTech 20CB Series Straight Female, Non-Valved, 1/4" PTF, Chrome Brass

#### 20CB-S9-025

LinkTech 20CB Series Straight Female, Non-Valved, 5/32" PTF, Chrome Brass

## 20 SERIES - 1/8" FLOW SIZE: Female Open Flow Straight

### 20PP-S1-02

LinkTech 20PP Series Male Thread Female, Non-Valved, 1/8" NPT, Molded Grey Color, Polypropylene

### 20PP-S1-04

LinkTech 20PP Series Male Thread Female, Non-Valved, 1/4" NPT, Molded Grey Color, Polypropylene

### 20PP-S2-02

LinkTech 20PP Series Straight Female, Non-Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene

### 20PP-S2-04

LinkTech 20PP Series Straight Female, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene

## 20 SERIES - 1/8" FLOW SIZE: Male Open Flow Straight



### Reference part shown: 20AC-PB2-04

### 20AC-PB1-02

LinkTech 20AC Series Male Thread Male, Non-Valved, 1/8" MNPT, Natural Acetal, Buna-N O-ring

### 20AC-PB1-02BSPT

LinkTech 20AC Series Male Thread Male, Non-Valved, 1/8" BSPT, Natural Acetal, Buna-N O-ring

### 20AC-PB2-01

LinkTech 20AC Series Straight Male, Non-Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

### 20AC-PB2-02

LinkTech 20AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

### 20AC-PB2-03

LinkTech 20AC Series Straight Male, Non-Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

### 20AC-PB2-04

LinkTech 20AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

### 20AC-PB9-04

LinkTech 20AC Series Straight Male, Non-Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

### 20CB-PB1-02

LinkTech 20CB Series Male Thread Male, Non-Valved, 1/8" MNPT, Chrome Brass, Buna-N O-ring

### 20CB-PB1-04

LinkTech 20CB Series Male Thread Male, Non-Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

## 20 SERIES - 1/8" FLOW SIZE: Male Open Flow Straight

### 20CB-PB1-04BSPT

LinkTech 20CB Series Male Thread Male, Non-Valved, 1/4" BSPT, Chrome Brass, Buna-N O-ring

### 20CB-PB9-04

LinkTech 20CB Series Straight Male, Non-Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

### 20PP-PE2-01MALD

LinkTech 20PP Series Straight Male, Non-Valved, 1/16" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 20PP-PE2-02

LinkTech 20PP Series Straight Male, Non-Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 20PP-PE2-02MALD

LinkTech 20PP Series Straight Male, Non-Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 20PP-PE2-04

LinkTech 20PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 20PPX-PE1-02

LinkTech 20PP Series Male Thread Male, Non-Valved, 1/8" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

QUICK  
CONNECTS

## Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

[www.nordsonmedical.com](http://www.nordsonmedical.com)

## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



## 20 SERIES - 1/8" FLOW SIZE: Female Open Flow Panel Mount



### Reference part shown: 20AC-S3-04

#### 20AC-S3-01

LinkTech 20AC Series Panel Mount Female, Non-Valved, 1/16" Hose Barb, Natural Acetal

#### 20AC-S3-02

LinkTech 20AC Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

#### 20AC-S3-03

LinkTech 20AC Series Panel Mount Female, Non-Valved, 3/16" Hose Barb, Natural Acetal

#### 20AC-S3-03GS

LinkTech 20AC Series Panel Mount Gasket Seal Female, Non-Valved, 3/16" Hose Barb, Natural Acetal

#### 20AC-S3-04

LinkTech 20AC Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

#### 20AC-S8-04

LinkTech 20AC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

#### 20AC-S8-025

LinkTech 20AC Series Panel Mount Female, Non-Valved, 5/32" PTF, Natural Acetal

#### 20CB-S3-02

LinkTech 20CB Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Chrome Brass

#### 20CB-S8-04

LinkTech 20CB Series Panel Mount Female, Non-Valved, 1/4" PTF, Chrome Brass

#### 20PP-S3-02

LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene

#### 20PP-S3-02MALD

LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene

#### 20PP-S3-04

LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene

#### 20PP-S3-04MALD

LinkTech 20PP Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene

#### 20PP-S8-025MALD

LinkTech 20PP Series Panel Mount Female, Non-Valved, 5/32" PTF, Molded Almond Color, Polypropylene

## 20 SERIES - 1/8" FLOW SIZE: Male Open Flow Panel Mount



### Reference part shown: 20AC-PB3-02

#### 20AC-PB3-02

LinkTech 20AC Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20AC-PB3-03

LinkTech 20AC Series Panel Mount Male, Non-Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20CB-PB3-02

LinkTech 20CB Series Panel Mount Male, Non-Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

## 20 SERIES - 1/8" FLOW SIZE: Female Open Flow Elbow



### Reference part shown: 20AC-S4-04

#### 20AC-S4-04

LinkTech 20AC Series Elbow Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!

### Need it Fast?

You can order our parts online now with no order \$ minimums, 24 hours a day, 7 days a week!  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

### Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

**20 SERIES - 1/8" FLOW SIZE:**  
Male Open Flow Elbow



**Reference part shown: 20AC-PB4-04**

**20AC-PB4-02**

LinkTech 20AC Series Elbow Male, Non-Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**20AC-PB4-04**

LinkTech 20AC Series Elbow Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**20CB-PB4-02**

LinkTech 20CB Series Elbow Male, Non-Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

**20CB-PB4-04**

LinkTech 20CB Series Elbow Male, Non-Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

**20PPX-PE4-02MALD**

LinkTech 20PP Series Elbow Male, Non-Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPX-PE4-04MALD**

LinkTech 20PP Series Elbow Male, Non-Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20 SERIES - 1/8" FLOW SIZE:**  
Female Valved Straight



**Reference part shown: 20ACV-SB2-04**

**20ACV-SB1-02**

LinkTech 20AC Series Male Thread Female, Valved, 1/8" MNPT, Natural Acetal, Buna-N O-ring

**20ACV-SB1-02BSPT**

LinkTech 20AC Series Male Thread Female, Valved, 1/8" BSPT, Natural Acetal, Buna-N O-ring

**20ACV-SB1-02UT**

LinkTech 20AC Series Male Thread Female, Valved, 1/8" Universal Thread, Natural Acetal, Buna-N O-ring

**20ACV-SB1-04**

LinkTech 20AC Series Male Thread Female, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

**20ACV-SB1-04BSPT**

LinkTech 20AC Series Male Thread Female, Valved, 1/4" BSPT, Natural Acetal, Buna-N O-ring

**20 SERIES - 1/8" FLOW SIZE:**  
Female Valved Straight

**20ACV-SB2-01**

LinkTech 20AC Series Straight Female, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB2-02**

LinkTech 20AC Series Straight Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB2-03**

LinkTech 20AC Series Straight Female, Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB2-04**

LinkTech 20AC Series Straight Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB9-04**

LinkTech 20AC Series Straight Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

**20CBV-SB1-02**

LinkTech 20CB Series Male Thread Female, Valved, 1/8" MNPT, Chrome Brass, Buna-N O-ring

**20CBV-SB1-02BSPT**

LinkTech 20CB Series Male Thread Female, Valved, 1/8" BSPT, Chrome Brass, Buna-N O-ring

**20CBV-SB1-04**

LinkTech 20CB Series Male Thread Female, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

**20CBV-SB2-02**

LinkTech 20CB Series Straight Female, Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

**20CBV-SB2-03**

LinkTech 20CB Series Straight Female, Valved, 3/16" Hose Barb, Chrome Brass, Buna-N O-ring

**20CBV-SB2-04**

LinkTech 20CB Series Straight Female, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

**20PPV-SE1-02**

LinkTech 20PP Series Male Thread Female, Valved, 1/8" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE1-04**

LinkTech 20PP Series Male Thread Female, Valved, 1/4" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE1-04MALD**

LinkTech 20PP Series Male Thread Female, Valved, 1/4" NPT, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE2-01**

LinkTech 20PP Series Straight Female, Valved, 1/16" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE2-02**

LinkTech 20PP Series Straight Female, Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE2-02MALD**

LinkTech 20PP Series Straight Female, Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE2-04MALD**

LinkTech 20PP Series Straight Female, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE9-04**

LinkTech 20PP Series Straight Female, Valved, 1/4" PTF, Molded Grey Color, Polypropylene, EPDM O-ring


**Reference part shown: 20ACV-PB2-04**
**20ACV-PB1-02**

 LinkTech 20AC Series Male Thread Male, Valved, 1/8" MNPT,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB1-02BSPT**

 LinkTech 20AC Series Male Thread Male, Valved, 1/8" BSPT,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB1-04**

 LinkTech 20AC Series Male Thread Male, Valved, 1/4" MNPT,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB1-04BSPT**

 LinkTech 20AC Series Male Thread Male, Valved, 1/4" BSPT,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB2-01**

 LinkTech 20AC Series Straight Male, Valved, 1/16" Hose Barb,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB2-02**

 LinkTech 20AC Series Straight Male, Valved, 1/8" Hose Barb,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB2-03**

 LinkTech 20AC Series Straight Male, Valved, 3/16" Hose Barb,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB2-04**

 LinkTech 20AC Series Straight Male, Valved, 1/4" Hose Barb,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB9-04**

 LinkTech 20AC Series Straight Male, Valved, 1/4" PTF,  
 Natural Acetal, Buna-N O-ring

**20ACV-PB9-025**

 LinkTech 20AC Series Straight Male, Valved, 5/32" PTF,  
 Natural Acetal, Buna-N O-ring

**20CBV-PB2-02**

 LinkTech 20CB Series Straight Male, Valved, 1/8" Hose Barb,  
 Chrome Brass, Buna-N O-ring

**20CBV-PB2-04**

 LinkTech 20CB Series Straight Male, Valved, 1/4" Hose Barb,  
 Chrome Brass, Buna-N O-ring

**20CBV-PB9-04**

 LinkTech 20CB Series Straight Male, Valved, 1/4" PTF,  
 Chrome Brass, Buna-N O-ring

**20CBV-PB9-025**

 LinkTech 20CB Series Straight Male, Valved, 5/32" PTF,  
 Chrome Brass, Buna-N O-ring

**20PPV-PE1-02**

 LinkTech 20PP Series Male Thread Male, Valved, 1/8" NPT,  
 Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-PE1-02MALD**

 LinkTech 20PP Series Male Thread Male, Valved, 1/8" NPT,  
 Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-PE2-01**

 LinkTech 20PP Series Straight Male, Valved, 1/16" Hose Barb,  
 Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-PE2-01MALD**

 LinkTech 20PP Series Straight Male, Valved, 1/16" Hose Barb,  
 Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-PE2-02**

 LinkTech 20PP Series Straight Male, Valved, 1/8" Hose Barb,  
 Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-PE2-02MALD**

 LinkTech 20PP Series Straight Male, Valved, 1/8" Hose Barb,  
 Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-PE2-04**

 LinkTech 20PP Series Straight Male, Valved, 1/4" Hose Barb,  
 Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-PE2-04MALD**

 LinkTech 20PP Series Straight Male, Valved, 1/4" Hose Barb,  
 Molded Almond Color, Polypropylene, EPDM O-ring

**Technical Assistance**

 Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

**LinkTech Line Part Number Guide**




**Reference part shown: 20ACV-SB3-04**

**20ACV-SB3-01**

LinkTech 20AC Series Panel Mount Female, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-01GS**

LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-02**

LinkTech 20AC Series Panel Mount Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-02GS**

LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-03**

LinkTech 20AC Series Panel Mount Female, Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-03GS**

LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-04**

LinkTech 20AC Series Panel Mount Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB3-04GS**

LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**20ACV-SB8-04**

LinkTech 20AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

**20ACV-SB8-04GS**

LinkTech 20AC Series Panel Mount Gasket Seal Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

**20ACV-SB8-025**

LinkTech 20AC Series Panel Mount Female, Valved, 5/32" PTF, Natural Acetal, Buna-N O-ring

**20CBV-SB3-02**

LinkTech 20CB Series Panel Mount Female, Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

**20CBV-SB8-04**

LinkTech 20CB Series Panel Mount Female, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

**20CBV-SB19-1032**

LinkTech 20CB Series Panel Mount Female, Female Thread, Valved, 10/32", Chrome Brass, Buna-N O-ring

**20PPV-SE3-01**

LinkTech 20PP Series Panel Mount Female, Valved, 1/16" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE3-02**

LinkTech 20PP Series Panel Mount Female, Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE3-02MALD**

LinkTech 20PP Series Panel Mount Female, Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE3-04**

LinkTech 20PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE3-04GSPNMALD**

LinkTech 20PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE3-04MALD**

LinkTech 20PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

**20PPV-SE8-04**

LinkTech 20PP Series Panel Mount Female, Valved, 1/4" PTF, Molded Grey Color, Polypropylene, EPDM O-ring

**20PPV-SE19-04GSPNMALD**

LinkTech 20PP Series Panel Mount Female, Valved, 1/4-28" Flat Bottom Port, Molded Almond Color, Polypropylene, EPDM O-ring

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings. [www.nordsonmedical.com](http://www.nordsonmedical.com)

**Custom Assembly**

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

## 20 SERIES - 1/8" FLOW SIZE: Male Valved Panel Mount



### Reference part shown: 20ACV-PB3-04

#### 20ACV-PB3-01

LinkTech 20AC Series Panel Mount Male, Valved, 1/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-PB3-02

LinkTech 20AC Series Panel Mount Male, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-PB3-03

LinkTech 20AC Series Panel Mount Male, Valved, 3/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-PB3-04

LinkTech 20AC Series Panel Mount Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-PB8-04

LinkTech 20AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

#### 20CBV-PB3-02

LinkTech 20CB Series Panel Mount Male, Valved, 1/8" Hose Barb, Chrome Brass, Buna-N O-ring

#### 20CBV-PB3-03

LinkTech 20CB Series Panel Mount Male, Valved, 3/16" Hose Barb, Chrome Brass, Buna-N O-ring

#### 20CBV-PB3-04

LinkTech 20CB Series Panel Mount Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

#### 20CBV-PB8-04

LinkTech 20CB Series Panel Mount Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

#### 20PPV-PE19-04GSPNMALD

LinkTech 20PP Series Panel Mount Male, Valved, 1/4-28" Flat Bottom Port, Molded Almond Color, Polypropylene, EPDM O-ring

QUICK  
CONNECTS

## 20 SERIES - 1/8" FLOW SIZE: Female Valved Elbow



### Reference part shown: 20ACV-SB4-04

#### 20ACV-SB4-02

LinkTech 20AC Series Elbow Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-SB4-04

LinkTech 20AC Series Elbow Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-SB10-04

LinkTech 20AC Series Elbow Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

## 20 SERIES - 1/8" FLOW SIZE: Male Valved Elbow



### Reference part shown: 20ACV-PB4-04

#### 20ACV-PB4-02

LinkTech 20AC Series Elbow Male, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20ACV-PB4-04

LinkTech 20AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 20CBV-PB10-04

LinkTech 20CB Series Elbow Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

#### 20PPV-PE4-02

LinkTech 20PP Series Elbow Male, Valved, 1/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

#### 20PPV-PE4-02MALD

LinkTech 20PP Series Elbow Male, Valved, 1/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

#### 20PPV-PE4-04

LinkTech 20PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

#### 20PPV-PE4-04MALD

LinkTech 20PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

#### 20PPV-PE10-04

LinkTech 20PP Series Elbow Male, Valved, 1/4" PTF, Molded Grey Color, Polypropylene, EPDM O-ring

## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

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# 30Series

## Quick Connect Couplings

### 30 SERIES - 1/8" FLOW SIZE: Female Open Flow Straight



#### Reference part shown: 30AC-S2-04

##### 30AC-S2-02

LinkTech 30AC Series Straight Female, Non-Valved, 1/8" Hose Barb, Natural Acetal

##### 30AC-S2-04

LinkTech 30AC Series Straight Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

### 30 SERIES - 1/8" FLOW SIZE: Male Open Flow Straight



#### Reference part shown: 30ACX-PB1-04

##### 30ACX-PB1-04

LinkTech 30AC Series Male Thread Male, Non-Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

### 30 SERIES - 1/8" FLOW SIZE: Female Valved Straight



#### Reference part shown: 30ACV-SB2-04

##### 30ACV-SB2-02

LinkTech 30AC Series Straight Female, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

##### 30ACV-SB2-04

LinkTech 30AC Series Straight Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

##### 30ACV-SB9-04

LinkTech 30AC Series Straight Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring



#### Reference part shown: 30ACV-PB2-02

##### 30ACV-PB2-02

LinkTech 30AC Series Straight Male, Valved, 1/8" Hose Barb, Natural Acetal, Buna-N O-ring

##### 30ACV-PB2-04

LinkTech 30AC Series Straight Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

### 30 SERIES - 1/8" FLOW SIZE: Male Valved Elbow



#### Reference part shown: 30ACV-PB10-04

##### 30ACV-PB10-04

LinkTech 30AC Series Elbow Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

# 33Series

## Quick Connect Couplings

### 33 SERIES - 1/8" FLOW SIZE: Female Valved Straight



#### Reference part shown: 33PCV-SPS2-02

##### 33PCV-SPS2-02

LinkTech 33PC Series Straight Female, Valved, Duckbill, 1/8" Hose Barb, Polycarbonate

QUICK CONNECTS

# 40Series

## Quick Connect Couplings

### 40 SERIES - 1/4" FLOW SIZE: Female Open Flow Straight



#### Reference part shown: 40AC-S2-04

##### 40AC-S1-04

LinkTech 40AC Series Male Thread Female, Non-Valved, 1/4" MNPT, Natural Acetal

##### 40AC-S1-04BSPT

LinkTech 40AC Series Male Thread Female, Non-Valved, 1/4" BSPT, Natural Acetal

##### 40AC-S1-06

LinkTech 40AC Series Male Thread Female, Non-Valved, 3/8" MNPT, Natural Acetal

##### 40AC-S1-06BLK

LinkTech 40AC Series Male Thread Female, Non-Valved, 3/8" BSPT, Natural Acetal

##### 40AC-S2-04

LinkTech 40AC Series Straight Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

##### 40AC-S2-05

LinkTech 40AC Series Straight Female, Non-Valved, 5/16" Hose Barb, Natural Acetal

##### 40AC-S2-06

LinkTech 40AC Series Straight Female, Non-Valved, 3/8" Hose Barb, Natural Acetal

##### 40AC-S9-04

LinkTech 40AC Series Straight Female, Non-Valved, 1/4" PTF, Natural Acetal

##### 40CB-S1-04

LinkTech 40CB Series Male Thread Female, Non-Valved, 1/4" MNPT, Chrome Brass

##### 40CB-S1-04BSPT

LinkTech 40CB Series Male Thread Female, Non-Valved, 1/4" BSPT, Chrome Brass

### 40 SERIES - 1/4" FLOW SIZE: Female Open Flow Straight

##### 40CB-S2-04

LinkTech 40CB Series Straight Female, Non-Valved, 1/4" Hose Barb, Chrome Brass

##### 40PP-S1-04

LinkTech 40PP Series Male Thread Female, Non-Valved, 1/4" NPT, Molded Grey Color, Polypropylene

##### 40PP-S2-04

LinkTech 40PP Series Straight Female, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene

##### 40PP-S9-06

LinkTech 40PP Series Straight Female, Non-Valved, 3/8" PTF, Molded Grey Color, Polypropylene

### 40 SERIES - 1/4" FLOW SIZE: Male Open Flow Straight



#### Reference part shown: 40AC-PB2-04

##### 40AC-PB1-04

LinkTech 40AC Series Male Thread Male, Non-Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

##### 40AC-PB2-04

LinkTech 40AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

##### 40AC-PB2-05

LinkTech 40AC Series Straight Male, Non-Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

##### 40AC-PB2-06

LinkTech 40AC Series Straight Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

##### 40CB-PB1-04

LinkTech 40CB Series Male Thread Male, Non-Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

##### 40CB-PB2-06

LinkTech 40CB Series Straight Male, Non-Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

##### 40PP-PE2-04

LinkTech 40PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring



Reference part shown: **40AC-S3-06**

**40AC-S3-04**

LinkTech 40AC Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

**40AC-S3-06**

LinkTech 40AC Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Natural Acetal

**40AC-S8-04**

LinkTech 40AC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

**40CB-S8-04**

LinkTech 40CB Series Panel Mount Female, Non-Valved, 1/4" PTF, Chrome Brass

**40CB-S12-04**

LinkTech 40CB Series Panel Mount Female, Male Thread, Non-Valved, 1/4" MNPT, Chrome Brass

**40PP-S3-04**

LinkTech 40PP Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene

**40PP-S3-04MALD**

LinkTech 40PP Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene

**40PP-S8-06**

LinkTech 40PP Series Panel Mount Female, Non-Valved, 3/8" PTF, Molded Grey Color, Polypropylene

40 SERIES - 1/4" FLOW SIZE:  
Male Open Flow Panel Mount



Reference part shown: **40AC-PB3-04**

**40AC-PB3-04**

LinkTech 40AC Series Panel Mount Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**40AC-PB3-06**

LinkTech 40AC Series Panel Mount Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

**40AC-PB8-06**

LinkTech 40AC Series Panel Mount Male, Non-Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring



Reference part shown: **40AC-PB4-06**

**40AC-PB4-04**

LinkTech 40AC Series Elbow Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**40AC-PB4-06**

LinkTech 40AC Series Elbow Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

**40CB-PB10-04**

LinkTech 40CB Series Elbow Male, Non-Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

QUICK  
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Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



## 40 SERIES - 1/4" FLOW SIZE: Female Valved Straight



### Reference part shown: 40ACV-SB2-04

#### 40ACV-SB1-04

LinkTech 40AC Series Male Thread Female, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

#### 40ACV-SB1-04BSPT

LinkTech 40AC Series Male Thread Female, Valved, 1/4" BSPT, Natural Acetal, Buna-N O-ring

#### 40ACV-SB1-06

LinkTech 40AC Series Male Thread Female, Valved, 3/8" MNPT, Natural Acetal, Buna-N O-ring

#### 40ACV-SB1-06BSPT

LinkTech 40AC Series Male Thread Female, Valved, 3/8" BSPT, Natural Acetal, Buna-N O-ring

#### 40ACV-SB2-04

LinkTech 40AC Series Straight Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-SB2-05

LinkTech 40AC Series Straight Female, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-SB2-06

LinkTech 40AC Series Straight Female, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-SB9-04

LinkTech 40AC Series Straight Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

#### 40ACV-SB9-06

LinkTech 40AC Series Straight Female, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

#### 40CBV-SB1-04

LinkTech 40CB Series Male Thread Female, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

#### 40CBV-SB1-04BSPT

LinkTech 40CB Series Male Thread Female, Valved, 1/4" BSPT, Chrome Brass, Buna-N O-ring

#### 40CBV-SB1-06

LinkTech 40CB Series Male Thread Female, Valved, 3/8" MNPT, Chrome Brass, Buna-N O-ring

#### 40CBV-SB1-06BSPT

LinkTech 40CB Series Male Thread Female, Valved, 3/8" BSPT, Chrome Brass, Buna-N O-ring

#### 40CBV-SB2-04

LinkTech 40CB Series Straight Female, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

#### 40CBV-SB2-06

LinkTech 40CB Series Straight Female, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

#### 40CBV-SB9-06

LinkTech 40CB Series Straight Female, Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring

#### 40PPV-SE1-04

LinkTech 40PP Series Male Thread Female, Valved, 1/4" NPT, Molded Grey Color, Polypropylene, EPDM O-ring

#### 40PPV-SE2-04

LinkTech 40PP Series Straight Female, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

#### 40PPV-SE2-06MALD

LinkTech 40PP Series Straight Female, Valved, 3/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

#### 40PPV-SE9-06

LinkTech 40PP Series Straight Female, Valved, 3/8" PTF, Molded Grey Color, Polypropylene, EPDM O-ring

## 40 SERIES - 1/4" FLOW SIZE: Male Valved Straight



### Reference part shown: 40ACV-PB2-04

#### 40ACV-PB2-04

LinkTech 40AC Series Straight Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB2-05

LinkTech 40AC Series Straight Male, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB2-06

LinkTech 40AC Series Straight Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB9-04

LinkTech 40AC Series Straight Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

#### 40ACV-PB9-06

LinkTech 40AC Series Straight Male, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

## 40 SERIES - 1/4" FLOW SIZE: Male Valved Straight

### 40ACV-PB17-04

LinkTech 40AC Series Straight Male, Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

### 40CBV-PB1-04

LinkTech 40CB Series Male Thread Male, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

### 40CBV-PB1-04BSPT

LinkTech 40CB Series Male Thread Male, Valved, 1/4" BSPT, Chrome Brass, Buna-N O-ring

### 40CBV-PB2-04

LinkTech 40CB Series Straight Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

### 40CBV-PB2-05

LinkTech 40CB Series Straight Male, Valved, 5/16" Hose Barb, Chrome Brass, Buna-N O-ring

### 40CBV-PB2-06

LinkTech 40CB Series Straight Male, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

### 40CBV-PB9-04

LinkTech 40CB Series Straight Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

### 40CBV-PB9-06

LinkTech 40CB Series Straight Male, Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring

### 40PPV-PE2-04

LinkTech 40PP Series Straight Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 40PPV-PE2-04MALD

LinkTech 40PP Series Straight Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 40PPV-PE2-06

LinkTech 40PP Series Straight Male, Valved, 3/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 40PPV-PE2-06MALD

LinkTech 40PP Series Straight Male, Valved, 3/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

## Need it Fast?

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## 40 SERIES - 1/4" FLOW SIZE: Female Valved Panel Mount



### Reference part shown: 40ACV-SB3-06

### 40ACV-SB3-04

LinkTech 40AC Series Panel Mount Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

### 40ACV-SB3-05

LinkTech 40AC Series Panel Mount Female, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

### 40ACV-SB3-06

LinkTech 40AC Series Panel Mount Female, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

### 40ACV-SB8-04

LinkTech 40AC Series Panel Mount Female, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

### 40ACV-SB8-06

LinkTech 40AC Series Panel Mount Female, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

### 40ACV-SB18-04

LinkTech 40AC Series Panel Mount Female, Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

### 40CBV-SB3-04

LinkTech 40CB Series Panel Mount Female, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

### 40CBV-SB3-06

LinkTech 40CB Series Panel Mount Female, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

### 40CBV-SB8-04

LinkTech 40CB Series Panel Mount Female, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

### 40CBV-SB12-04

LinkTech 40CB Series Panel Mount Female, Male Thread, Valved, 1/4" MNPT, Chrome Brass, Buna-N O-ring

### 40PPV-SE3-04

LinkTech 40PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 40PPV-SE3-04MALD

LinkTech 40PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 40PPV-SE3-06

LinkTech 40PP Series Panel Mount Female, Valved, 3/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

### 40PPV-SE3-06MALD

LinkTech 40PP Series Panel Mount Female, Valved, 3/8" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

### 40PPV-SE8-06MALD

LinkTech 40PP Series Panel Mount Female, Valved, 3/8" PTF, Molded Almond Color, Polypropylene, EPDM O-ring

## 40 SERIES - 1/4" FLOW SIZE: Male Valved Panel Mount



### Reference part shown: 40ACV-PB3-04

#### 40ACV-PB3-04

LinkTech 40AC Series Panel Mount Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB3-05

LinkTech 40AC Series Panel Mount Male, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB8-04

LinkTech 40AC Series Panel Mount Male, Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

#### 40ACV-PB18-04

LinkTech 40AC Series Panel Mount Male, Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

#### 40CBV-PB3-04

LinkTech 40CB Series Panel Mount Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

#### 40CBV-PB3-06

LinkTech 40CB Series Panel Mount Male, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

#### 40PPV-PE3-04

LinkTech 40PP Series Panel Mount Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

## 40 SERIES - 1/4" FLOW SIZE: Male Valved Elbow



### Reference part shown: 40ACV-PB4-06

#### 40ACV-PB4-04

LinkTech 40AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB4-06

LinkTech 40AC Series Elbow Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 40ACV-PB10-06

LinkTech 40AC Series Elbow Male, Valved, 3/8" PTF, Natural Acetal, Buna-N O-ring

#### 40CBV-PB4-04

LinkTech 40CB Series Elbow Male, Valved, 1/4" Hose Barb, Chrome Brass, Buna-N O-ring

## 40 SERIES - 1/4" FLOW SIZE: Male Valved Elbow

#### 40CBV-PB4-06

LinkTech 40CB Series Elbow Male, Valved, 3/8" Hose Barb, Chrome Brass, Buna-N O-ring

#### 40CBV-PB10-04

LinkTech 40CB Series Elbow Male, Valved, 1/4" PTF, Chrome Brass, Buna-N O-ring

#### 40CBV-PB10-06

LinkTech 40CB Series Elbow Male, Valved, 3/8" PTF, Chrome Brass, Buna-N O-ring

#### 40PPV-PE4-04

LinkTech 40PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

#### 40PPV-PE4-04MALD

LinkTech 40PP Series Elbow Male, Valved, 1/4" Hose Barb, Molded Almond Color, Polypropylene, EPDM O-ring

#### 40PPV-PE4-06

LinkTech 40PP Series Elbow Male, Valved, 3/8" Hose Barb, Molded Grey Color, Polypropylene, EPDM O-ring

#### 40PPV-PE10-06MALD

LinkTech 40PP Series Elbow Male, Valved, 3/8" PTF, Molded Almond Color, Polypropylene, EPDM O-ring

# 42Series

## Quick Connect Couplings

## 42 SERIES - 3/32" FLOW SIZE: Male Open Flow Straight



### Reference part shown: 42AB-PB2-02

#### 42AB-PB2-02

LinkTech 42AB Series Straight Male, Non-Valved, 1/8" Hose Barb, ABS, Buna-N O-ring

## 42 SERIES - 3/32" FLOW SIZE: Female Open Flow Panel Mount



### Reference part shown: 42AB-S3-02

#### 42AB-S3-02

LinkTech 42AB Series Panel Mount Female, Non-Valved, 1/8" Hose Barb, ABS

# 50Series

## Quick Connect Couplings



### 50 SERIES - 1/4" FLOW SIZE: Female Open Flow Straight



### Reference part shown: 50AC-S2-06LB

#### 50AC-S1-04

LinkTech 50AC Series Male Thread Female, Non-Valved, 1/4" MNPT, Natural Acetal

#### 50AC-S1-06

LinkTech 50AC Series Male Thread Female, Non-Valved, 3/8" MNPT, Natural Acetal

#### 50AC-S2-04

LinkTech 50AC Series Straight Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

#### 50AC-S2-06

LinkTech 50AC Series Straight Female, Non-Valved, 3/8" Hose Barb, Natural Acetal

#### 50AC-S2-06LB

LinkTech 50AC Series Straight Female, Non-Valved, 3/8" Hose Barb, Long Body, Natural Acetal

#### 50BAC-S1-04

LinkTech 50BAC Series Male Thread Female, Non-Valved, 1/4" MNPT, Natural Acetal

#### 50BAC-S2-05LB

LinkTech 50BAC Series Straight Female, Non-Valved, 5/16" Hose Barb, Long Body, Natural Acetal

#### 50BAC-S2-06LB

LinkTech 50BAC Series Straight Female, Non-Valved, 3/8" Hose Barb, Long Body, Natural Acetal

#### 50BAC-S9-06LB

LinkTech 50BAC Series Straight Female, Non-Valved, 3/8" PTF, Long Body, Natural Acetal

#### 50GP-S1-04

LinkTech 50GP Series Male Thread Female, Non-Valved, 1/4" MNPT, Glass-Filled Polypropylene

#### 50GP-S5-04

LinkTech 50GP Series Straight Female, Non-Valved, 1/4" Hose Barb, Glass-Filled Polypropylene

#### 50GP-S5-06

LinkTech 50GP Series Straight Female, Non-Valved, 3/8" Hose Barb, Glass-Filled Polypropylene

### Reference part shown: 50AC-PB2-06

#### 50AC-PB2-04

LinkTech 50AC Series Straight Male, Non-Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 50AC-PB2-06

LinkTech 50AC Series Straight Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 50AC-PB9-04

LinkTech 50AC Series Straight Male, Non-Valved, 1/4" PTF, Natural Acetal, Buna-N O-ring

#### 50AC-PB17-04

LinkTech 50AC Series Straight Male, Non-Valved, 1/4" OD Push-In, Natural Acetal, Buna-N O-ring

#### 50GP-PF5-04

LinkTech 50GP Series Straight Male, Non-Valved, 1/4" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring

#### 50GP-PF5-06

LinkTech 50GP Series Straight Male, Non-Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring

#### 50GP-PF6

LinkTech 50GP Series End Stop Male, Glass-Filled Polypropylene, Food Grade EPDM O-ring

#### 50PPX-PE1-04

LinkTech 50PP Series Male Thread Male, Non-Valved, 1/4" MNPT, Polypropylene, EPDM O-ring

#### 50PPX-PE1-06

LinkTech 50PP Series Male Thread Male, Non-Valved, 3/8" MNPT, Polypropylene, EPDM O-ring

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## 50 SERIES - 1/4" FLOW SIZE: Female Open Flow Panel Mount



### Reference part shown: 50AC-S3-04

#### 50AC-S3-04

LinkTech 50AC Series Panel Mount Female, Non-Valved, 1/4" Hose Barb, Natural Acetal

#### 50AC-S3-06

LinkTech 50AC Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Natural Acetal

#### 50AC-S8-06

LinkTech 50AC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

#### 50BAC-S8-04

LinkTech 50BAC Series Panel Mount Female, Non-Valved, 1/4" PTF, Natural Acetal

#### 50BAC-S8-06

LinkTech 50BAC Series Panel Mount Female, Non-Valved, 3/8" PTF, Natural Acetal

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## 50 SERIES - 1/4" FLOW SIZE: Female Open Flow Elbow



### Reference part shown: 50GP-S7-06

#### 50GP-S7-06

LinkTech 50GP Series Elbow Female, Non-Valved, 3/8" Hose Barb, Glass-Filled Polypropylene

## 50 SERIES - 1/4" FLOW SIZE: Male Open Flow Elbow



### Reference part shown: 50AC-PB4-06

#### 50AC-PB4-06

LinkTech 50AC Series Elbow Male, Non-Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 50GP-PF7-06

LinkTech 50GP Series Elbow Male, Non-Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring

## 50 SERIES - 1/4" FLOW SIZE: Female Valved Straight



### Reference part shown: 50ACV-SB2-06

#### 50ACV-SB1-06

LinkTech 50AC Series Male Thread Female, Valved, 3/8" MNPT, Natural Acetal, Buna-N O-ring

#### 50ACV-SB2-04

LinkTech 50AC Series Straight Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

#### 50ACV-SB2-06

LinkTech 50AC Series Straight Female, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

#### 50GPV-SF5-06

LinkTech 50GP Series Straight Female, Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring

## Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.



Reference part shown: 50ACV-PB2-06

**50ACV-PB1-04**

LinkTech 50AC Series Male Thread Male, Valved, 1/4" MNPT, Natural Acetal, Buna-N O-ring

**50ACV-PB2-04**

LinkTech 50AC Series Straight Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**50ACV-PB2-06**

LinkTech 50AC Series Straight Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

**50PPV-PE2-06**

LinkTech 50PP Series Straight Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring



Reference part shown: 50ACV-PB4-06

**50ACV-PB4-04**

LinkTech 50AC Series Elbow Male, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**50ACV-PB4-06**

LinkTech 50AC Series Elbow Male, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

**50PPV-PE4-04**

LinkTech 50PP Series Elbow Male, Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring

**50PPV-PE4-06**

LinkTech 50PP Series Elbow Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring



Reference part shown: 50ACV-SB3-06

**50ACV-SB3-04**

LinkTech 50AC Series Panel Mount Female, Valved, 1/4" Hose Barb, Natural Acetal, Buna-N O-ring

**50ACV-SB3-06**

LinkTech 50AC Series Panel Mount Female, Valved, 3/8" Hose Barb, Natural Acetal, Buna-N O-ring

**50BACV-SB3-05**

LinkTech 50BAC Series Panel Mount Female, Valved, 5/16" Hose Barb, Natural Acetal, Buna-N O-ring

**50PPV-SE3-04**

LinkTech 50PP Series Panel Mount Female, Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring

**50PPV-SE3-06**

LinkTech 50PP Series Panel Mount Female, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

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**Technical Assistance**

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# 55Series

Quick Connect Couplings

**55 SERIES - 1/8" - 1/4" FLOW SIZE:**  
Female Valved Straight



**Reference part shown: 55GPV-SE2-06**

**55GPV-SE2-06**

LinkTech 55GP Series Straight Female, Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, EPDM O-ring

**55 SERIES - 1/8" - 1/4" FLOW SIZE:**  
Male Valved Straight



**Reference part shown: 55GPV-PE2-06**

**55GPV-PE2-06**

LinkTech 55GP Series Straight Male, Valved, 3/8" Hose Barb, Glass-Filled Polypropylene, EPDM O-ring

# 60Series

Quick Connect Couplings

**60 SERIES - 3/8" FLOW SIZE:**  
Female Open Flow Straight



**Reference part shown: 60PP-S2-08**

**60PP-S1-12**

LinkTech 60PP Series Male Thread Female, Non-Valved, 3/4" MNPT, Polypropylene

**60PP-S2-08**

LinkTech 60PP Series Straight Female, Non-Valved, 1/2" Hose Barb, Polypropylene

**60PP-S2-06**

LinkTech 60PS Series Straight Female, Non-Valved, 3/8" Hose Barb, Polysulfone

**60PS-S2-08**

LinkTech 60PS Series Straight Female, Non-Valved, 1/2" Hose Barb, Polysulfone

**60PS-S2-08BLK**

LinkTech 60PS Series Straight Female, Non-Valved, 1/2" Hose Barb, Molded Black Color, Polysulfone

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## LinkTech Line Part Number Guide

<b>60</b>	<b>PP</b>	<b>- S</b>	<b>2</b>	<b>- 08</b>
Flow Size or Latch Type	Material	Valve Config.	O-Ring Type	Connection Size



Reference part shown: 60PP-PE2-04

**60PP-PE2-04**

LinkTech 60PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Polypropylene, EPDM O-ring

**60PP-PE2-04BLK**

LinkTech 60PP Series Straight Male, Non-Valved, 1/4" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

**60PP-PE2-08**

LinkTech 60PP Series Straight Male, Non-Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

**60PS-PE1-08**

LinkTech 60PS Series Male Thread Male, Non-Valved, 1/2" MNPT, Polysulfone, EPDM O-ring

Reference part shown: 60PP-PE4-08

**60PP-PE4-08**

LinkTech 60PP Series Elbow Male, Non-Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

**60PS-PE4-06**

LinkTech 60PS Series Elbow Male, Non-Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

**60PS-PE22-06**

LinkTech 60PS Series Panel Mount Elbow Male, Non-Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

QUICK CONNECTS



Reference part shown: 60PP-S3-08

**60PP-S3-06**

LinkTech 60PP Series Panel Mount Female, Non-Valved, 3/8" Hose Barb, Polypropylene

**60PP-S3-08**

LinkTech 60PP Series Panel Mount Female, Non-Valved, 1/2" Hose Barb, Polypropylene

**60PS-S3-08BLK**

LinkTech 60PS Series Panel Mount Female, Non-Valved, 1/2" Hose Barb, Molded Black Color, Polysulfone

Looking for Something Different?

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See page 8-9 for more information on custom engineered solutions!





### Reference part shown: 60PPV-SE2-08

#### 60PPV-SE1-06

LinkTech 60PP Series Male Thread Female, Valved, 3/8" MNPT, Polypropylene, EPDM O-ring

#### 60PPV-SE1-08

LinkTech 60PP Series Male Thread Female, Valved, 1/2" MNPT, Polypropylene, EPDM O-ring

#### 60PPV-SE1-08BLK

LinkTech 60PP Series Male Thread Female, Valved, 1/2" MNPT, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PPV-SE2-06

LinkTech 60PP Series Straight Female, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

#### 60PPV-SE2-06BLK

LinkTech 60PP Series Straight Female, Valved, 3/8" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PPV-SE2-08

LinkTech 60PP Series Straight Female, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

#### 60PPV-SE2-08BLK

LinkTech 60PP Series Straight Female, Valved, 1/2" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PSV-SE1-06

LinkTech 60PS Series Male Thread Female, Valved, 3/8" MNPT, Polysulfone, EPDM O-ring

#### 60PSV-SE1-08

LinkTech 60PS Series Male Thread Female, Valved, 1/2" MNPT, Polysulfone, EPDM O-ring

#### 60PSV-SE2-06

LinkTech 60PS Series Straight Female, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

#### 60PSV-SE2-08

LinkTech 60PS Series Straight Female, Valved, 1/2" Hose Barb, Polysulfone, EPDM O-ring



### Reference part shown: 60PPV-PE2-08

#### 60PPV-PE1-08

LinkTech 60PP Series Male Thread Male, Valved, 1/2" MNPT, Polypropylene, EPDM O-ring

#### 60PPV-PE1-08BLK

LinkTech 60PP Series Male Thread Male, Valved, 1/2" MNPT, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PPV-PE2-04BLK

LinkTech 60PP Series Straight Male, Valved, 1/4" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PPV-PE2-06

LinkTech 60PP Series Straight Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

#### 60PPV-PE2-06BLK

LinkTech 60PP Series Straight Male, Valved, 3/8" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring

#### 60PPV-PE2-08

LinkTech 60PP Series Straight Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

#### 60PPV-PE2-12

LinkTech 60PP Series Straight Male, Valved, 3/4" Hose Barb, Polypropylene, EPDM O-ring

#### 60PSV-PE1-06

LinkTech 60PS Series Male Thread Male, Valved, 3/8" MNPT, Polysulfone, EPDM O-ring

#### 60PSV-PE2-08

LinkTech 60PS Series Straight Male, Valved, 1/2" Hose Barb, Polysulfone, EPDM O-ring

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**Reference part shown: 60PPV-SE3-08**

**60PPV-SE3-06**

LinkTech 60PP Series Panel Mount Female, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

**60PPV-SE3-08**

LinkTech 60PP Series Panel Mount Female, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

**60PSV-SE3-12BLK**

LinkTech 60PS Series Panel Mount Female, Valved, 3/4" Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring



**Reference part shown: 60PPV-PE4-08**

**60PPV-PE4-06**

LinkTech 60PP Series Elbow Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

**60PPV-PE4-08**

LinkTech 60PP Series Elbow Male, Valved, 1/2" Hose Barb, Polypropylene, EPDM O-ring

**60PPV-PE22-08BLK**

LinkTech 60PP Series Panel Mount Elbow Male, Valved, 1/2" Hose Barb, Molded Black Color, Polypropylene, EPDM O-ring



**Reference part shown: 60PPV-PE3-06**

**60PPV-PE3-06**

LinkTech 60PP Series Panel Mount Male, Valved, 3/8" Hose Barb, Polypropylene, EPDM O-ring

**60PSV-PE3-06**

LinkTech 60PS Series Panel Mount Male, Valved, 3/8" Hose Barb, Polysulfone, EPDM O-ring

**60PSV-PE3-06BLK**

LinkTech 60PS Series Panel Mount Male, Valved, 3/8" Hose Barb, Molded Black Color, Polysulfone, EPDM O-ring

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# 65 Series

## Quick Connect Couplings

### 65 SERIES - 1/2" FLOW SIZE: Female Open Flow Straight

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#### Reference part shown: 65GP-S2-12

##### 65GP-S2-12

LinkTech 65GP Series Straight Female, Non-Valved, 3/4" Hose Barb, Glass-Filled Polypropylene

### 65 SERIES - 1/2" FLOW SIZE: Male Open Flow Straight



#### Reference part shown: 65GP-PF1-08

##### 65GP-PF1-08

LinkTech 65GP Series Male Thread Male, Non-Valved, 1/2" MNPT, Glass-Filled Polypropylene, Food Grade EPDM O-ring

##### 65GP-PF2-08

LinkTech 65GP Series Straight Male, Non-Valved, 1/2" Hose Barb, Glass-Filled Polypropylene, Food Grade EPDM O-ring

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See page 8-9 for more information on custom engineered solutions!



# 100Series

## Quick Connect Couplings

### 100 SERIES - 1/16" FLOW SIZE: Female Open Flow Straight



#### Reference part shown: 100AC-S2-M3

##### 100AC-S2-01

LinkTech 100AC Series Straight Female, Non-Valved, 1/16" Hose Barb, Acetal

##### 100AC-S2-M3

LinkTech 100AC Series Straight Female, Non-Valved, 3 mm Hose Barb, Acetal

##### 100PP-S2-M3

LinkTech 100PP Series Straight Female, Non-Valved, 3 mm Hose Barb, Polypropylene

### 100 SERIES - 1/16" FLOW SIZE: Male Open Flow Straight



#### Reference part shown: 100AC-PB2-02

##### 100AC-PB2-01

LinkTech 100AC Series Straight Male, Non-Valved, 1/16" Hose Barb, Acetal, Buna-N O-ring

##### 100AC-PB2-02

LinkTech 100AC Series Straight Male, Non-Valved, 1/8" Hose Barb, Acetal, Buna-N O-ring



#### Reference part shown: 100ACV-SB2-01

##### 100ACV-SB2-01

LinkTech 100AC Series Straight Female, Valved, 1/16" Hose Barb, Acetal, Buna-N O-ring

### 100 SERIES - 1/16" FLOW SIZE: Male and Female Sets



#### Reference part shown: 100AC2-M3

##### 100AC2-M3

LinkTech 100AC Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Acetal, Buna-N O-ring

##### 100ACV2-M3

LinkTech 100AC Series Straight Coupling, Valved, 3 mm Hose Barb, Acetal, Buna-N O-ring

##### 100PP2-02

LinkTech 100PP Series Straight Coupling, Non-Valved, 1/8" Hose Barb, Polypropylene, EPDM O-ring

##### 100PP2-M3

LinkTech 100PP Series Straight Coupling, Non-Valved, 3 mm Hose Barb, Polypropylene, EPDM O-ring

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# MQC Series

## Quick Connect Couplings

### MQC SERIES: Female Open Flow Straight



#### Reference part shown: MQCF230

##### MQCF230 (-2 -3 -4 -5 -8)

Dual Latch Quick Connect Female 200 Series Barb 1/8" (3.2 mm) Tubing ID

##### MQCF240 (-2 -3 -4 -5 -8)

Dual Latch Quick Connect Female 200 Series Barb 5/32" (4.0 mm) Tubing ID

##### MQCF250 (-1 -2 -3 -4 -5 -8)

Dual Latch Quick Connect Female 200 Series Barb 3/16" (4.8 mm) Tubing ID

### MQC SERIES: Male Open Flow Straight



#### Reference part shown: MQCRM230

##### MQCRM230 (-001 -002 -003 -004 -005 -08B)

##### Nylon, Buna-N O-Ring

Dual Latch Quick Connect Male 200 Series Barb 1/8" (3.2 mm) Tubing ID

##### MQCRM240 (-001 -002 -003 -004 -005 -08B)

##### Nylon, Buna-N O-Ring

Dual Latch Quick Connect Male 200 Series Barb 5/32" (4.0 mm) Tubing ID

##### MQCRM250 (-001 -002 -003 -004 -005 -08B)

##### Nylon, Buna-N O-Ring

Dual Latch Quick Connect Male 200 Series Barb 3/16" (4.8 mm) Tubing ID



#### Reference part shown: MQCMF230

##### MQCMF230-901

Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 1/8" (3.2 mm) Tubing ID, Blue Female and White Male

##### MQCMF240-901

Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 5/32" (4.0 mm) Tubing ID, Blue Female and White Male

##### MQCMF250-901

Bag of 50 Dual Latch Quick Connect Male and Female Sets, 200 Series Barb 3/16" (4.8 mm) Tubing ID, Blue Female and White Male

### Need it Fast?

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[www.nordsonmedical.com](http://www.nordsonmedical.com)

### Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

[www.nordsonmedical.com](http://www.nordsonmedical.com)

### Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

# RQSeries

## Quick Connect Couplings

### RQ SERIES: Female Open Flow Straight



#### Reference part shown: RQXF670-9024

**RQCF655 (-9024 -001)**

**RQCF655 (-6005 -001)**

Female Open Flow, 600 Series Barb, 1/4" (6.4 mm) Tubing ID

**RQCF670 (-9024 -001)**

**RQCF670 (-6005 -001)**

Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

**RQXF670 (-9024 -001)**

**RQXF670 (-6005 -001)**

Female Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

**RQXF680 (-6005 -001)**

Female Open Flow, 600 Series Barb, 1/2" (12.7 mm) Tubing ID

### RQ SERIES: Male Open Flow Straight



#### Reference part shown: RQXM670-9024

**RQCM655 (-6005 -001) Platinum-Cured Silicone O-Ring**

Male Open Flow, 600 Series Barb, 1/4" (6.4 mm) Tubing ID

**RQCM670 (-9024 -001) Platinum-Cured Silicone O-Ring**

**RQCM670 (-6005 -001) Platinum-Cured Silicone O-Ring**

Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

**RQXM670 (-9024 -001) Platinum-Cured Silicone O-Ring**

Male Open Flow, 600 Series Barb, 3/8" (9.5 mm) Tubing ID

**RQXM680 (-6005 -001) Platinum-Cured Silicone O-Ring**

Male Open Flow, 600 Series Barb, 1/2" (12.7 mm) Tubing ID



#### Reference part shown: RQCFLC-9024

**RQCFC (-9024 -001)**

Female Cap

**RQCFLC (-9024 -001)**

Female Cap, Locking Feature

**RQXFC (-6005 -001)**

Female Cap

### RQ SERIES: Plugs



#### Reference part shown: RQXMP-9024

**RQCMP (-6005 -001) Platinum-Cured Silicone O-Ring**

Male Plug

**RQXMP (-9024 -001) Platinum-Cured Silicone O-Ring**

**RQXMP (-6005 -001) Platinum-Cured Silicone O-Ring**

Male Plug

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### Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837**

# SBL Series

## Quick Connect Couplings

**SBL SERIES:**  
 Female Open Flow Straight



**Reference part shown: SBLF035-8B**

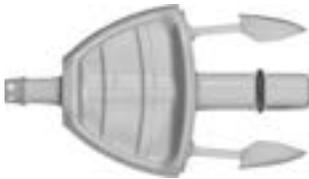
**SBLF013 (-1 -2 -8B)**

Side Latch Quick Connect Female 500 Series Barb, 1/8" (3.2 mm) Tubing ID

**SBLF035 (-1 -2 -8B -CM030)**

Side Latch Quick Connect Female 500 Series Barb, 3/16" (4.8 mm) Tubing ID

**SBL SERIES:**  
 Male Open Flow Straight



**Reference part shown: SBLM013-001**

**SBLM013 (-004 -005) Nylon, Buna-N O-Ring**

Side Latch Quick Connect Male 500 Series Barb, 1/8" (3.2 mm) Tubing ID

**SBLM035 (-001 -002 -004 -005) Nylon, Buna-N O-Ring**

Side Latch Quick Connect Male 500 Series Barb, 3/16" (4.8 mm) Tubing ID



**Reference part shown: SBLMFGB035-003**

**SBLMFGB013 (-002)**

Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 1/8" (3.2 mm) Tubing ID, Blue Male and Grey Female Nylon

**SBLMFGB035 (-004)**

Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 3/16" (4.8 mm) Tubing ID, Blue Male and Grey Female Nylon

**SBLMFGB013 (-001)**

Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 1/8" (3.2 mm) Tubing ID, Grey Male and Blue Female Nylon

**SBLMFGB035 (-003)**

Bag of 50 Side Latch Quick Connect Male and Female Sets, 500 Series Barb 3/16" (4.8 mm) Tubing ID, Grey Male and Blue Female Nylon

### Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



# XQSeries

Quick Connect Couplings

**XQ SERIES - 1/4" FLOW SIZE:**  
Male Open Flow Straight



**Reference part shown: XQCM755**

**XQCM755 (-1006-B)**

XQ Series Male Open Flow Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

**XQCM770 (-1006-B)**

XQ Series Male Open Flow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

**XQ SERIES - 1/4" FLOW SIZE:**  
Male Open Flow Elbow



**Reference part shown: XQCLM770**

**XQCLM770 (-1006-B)**

XQ Series Male Open Flow Elbow Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID



**Reference part shown: XQSVF755**

**XQSVF755 (-1006-B -1007-B)**

XQ Series Female Valved Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

**XQSVF765 (-1007-B)**

XQ Series Female Valved Connector, 700 Series Barb, 5/16" (8.0 mm) Tubing ID

**XQSVF770 (-1006-B)**

XQ Series Female Valved Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

**XQ SERIES - 1/4" FLOW SIZE:**  
Male Valved Straight



**Reference part shown: XQCVM755**

**XQCVM755 (-1006-B)**

XQ Series Male Valved Connector, 700 Series Barb, 1/4" (6.4 mm) Tubing ID

**XQCVM765 (-1007-B)**

XQ Series Male Valved Connector, 700 Series Barb, 5/16" (7.9 mm) Tubing ID

**XQCVM770 (-1006-B)**

XQ Series Male Valved Connector, 700 Series Barb, 3/8" (9.5 mm) Tubing ID

**XQ SERIES - 1/4" FLOW SIZE:**  
Panel Mount Nut

**PM4N (Nickel-Plated Brass)**

XQ Series 11/16-24 UNEF Panel Mount Nut



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# FILTRATION Connectors

## Quick Connect Couplings

QUICK  
CONNECTS

### FILTRATION CONNECTORS: Female Open Flow Straight



Reference part shown: **40CB-S35296**

#### **40CB-S35296**

LinkTech 40CB Series Female Connector, Non-valved, 1/2" IPS Female Sink Thread, w/NBR Gasket, Chrome Brass

#### **40CB-S3557**

LinkTech 40CB Series Female Connector, Non-valved, 15/16-27 Male Sink Thread, w/NBR Gasket, Chrome Brass

#### **40CB-S3559**

LinkTech 40CB Series Female Connector, Non-valved, 55/64-27 Female Sink Thread, w/NBR Gasket, Chrome Brass

### FILTRATION CONNECTORS: Female Valved Straight



Reference part shown: **40CB-S35271**

#### **40CB-S35271**

LinkTech 40CB Series Compact Female Connector, Valved, M24X1 Male Sink Thread, w/NBR Gasket, Chrome Brass

#### **40CB-S35288**

LinkTech 40CB Series Compact Female Connector, Valved, M22X1 Female Thread, w/NBR Gasket, Chrome Brass

#### **40CBV-S35297**

LinkTech 40CB Series Female Connector, Valved, 1/2" IPS Male Sink Thread, w/VITON O-ring, Chrome Brass

### FILTRATION CONNECTORS: Male Valved Straight



Reference part shown: **40CBV-P75242**

#### **40CBV-P75242**

LinkTech 40CB Series Male Connector, Valved, 1/2" IPS Female Sink Thread, w/VITON Gasket & Viton O-rings, Chrome Brass

### Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

### Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

# CUSTOM

## Solutions

Nordson MEDICAL has developed hundreds of custom connection solutions for challenging applications. Our engineering staff is ready to work with your designers to solve application problems beyond the scope of our standard product offering. Whether it is a simple o-ring, color change, or a completely new and unique design, Nordson MEDICAL offers its customers the best possible solution. To submit a new product request, email us at [designcenter@nordsonmedical.com](mailto:designcenter@nordsonmedical.com).

### CUSTOM SOLUTIONS: Multi-port Couplings



### CUSTOM SOLUTIONS: Unique Valved Couplings



### CUSTOM SOLUTIONS: Value Added Services



### CUSTOM SOLUTIONS: Molded Color Couplings



### CUSTOM SOLUTIONS: Non-Spill Capabilities



### CUSTOM SOLUTIONS: Non-Standard, High Performance Materials



### CUSTOM SOLUTIONS: Custom Mounting Options



QUICK  
CONNECTS

# CHECK

## VALVES



### Anti-Siphon Check Valves

**PG-66**



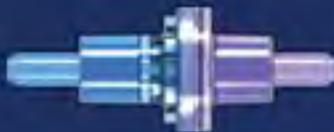
### High Flow Check Valves

**PG-67**



### One-Way Check Valves

**PG-67**



### Barbed Check Valves

**PG-68**



### Double Check Valves

**PG-69**



## SCV Series

### Check Valves

SCV Series products are available in barbed, anti-siphon or one-way check valve configurations in a variety of materials and end fittings. Barbed check valves reduce the risk of contamination and feature more precise, lower crack pressures and higher flow rates. They are ideal for medical device designers focused on infusion, drainage and irrigation applications. All the valves feature a low priming volume, ease of removing air bubbles during priming and operate in any spatial orientation. All materials of construction satisfy USP Class VI and ISO 10993 criteria.

#### Features & Benefits:

- Materials meet USP Class VI and ISO 10993 criteria
- DEHP- and latex-free silicone diaphragms
- All products are suitable for EtO or gamma sterilization
- Several connection configurations and materials
- Air bubbles completely removable during priming
- Operate in any spatial orientation
- Normally closed valve positioning for optimum flow control
- Available with the lowest cracking pressure on the market
- Air entrapment readily alleviated during priming

#### SCV SERIES: Anti-Siphon Check Valves

##### SCV06246 (Clear Transparent MABS and Blue Transparent SAN w/Silicone Diaphragm)

Check Valve, Pocket for .122" (3.1 mm) OD Tubing to Male Locking Luer



Cracking Pressure: 2.9 +/- 0.725 psig  
Max. Back Pressure: 304.5 psig  
Flow Rate:  $\geq$  150 ml/min  
Flow Direction: Left to right

##### SCV06252 (Clear Transparent SAN and Blue Transparent SAN w/Silicone Diaphragm)

Check Valve, Female Locking Luer to Male Locking Luer



Cracking Pressure: 2.9 +/- 0.725 psig  
Max. Back Pressure: 304.5 psig  
Flow Rate with Glucose:  $\geq$  150 ml/min  
Flow Direction: Left to right

**SCV SERIES:**  
Anti-Siphon Check Valves

**SCV06264 (Clear and Blue MABS w/Silicone Diaphragm)**  
Check Valve, Pocket for .161" (4.0 mm) OD Tubing to .161" (4.0 mm) OD Tubing



Cracking Pressure: 1.450-4.351 psig  
Max. Back Pressure: 304.579 psig  
Flow Rate: max 200 ml/min  
Flow Direction: Left to right

**SCV06308 (Clear Transparent Polycarbonate and Green Polycarbonate w/Silicone Diaphragm)**  
Check Valve, Female Locking Luer to Pocket for .098" (2.5 mm) OD Tubing



Cracking Pressure: 2.9 +/- 0.725 psig  
Max. Back Pressure: 304.5 psig  
Flow Rate with Glucose: ≥ 150 ml/min  
Flow Direction: Left to right

**SCV06329 (Clear and Blue SAN w/Silicone Diaphragm)**  
Check Valve, Female Locking Luer Linden



Cracking Pressure: 1.450-4.351 psig  
Max. Back Pressure: 304.579 psig  
max 30 sec.  
Flow Rate: 200 ml/min  
Flow Direction: Left to right

**SCV06397 (Clear MABS w/Silicone Diaphragm)**  
High Flow Check Valve, Pocket for 8.8 mm OD Tubing to Pocket for 8.8 mm OD Tubing



Cracking Pressure: < .29 psig  
Max. Back Pressure: 14.500 psig  
Flow Rate with Water at 100 mbar:  
> 1000 ml/min  
Flow Direction: Left to right

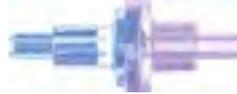
**SCV06398 (Clear MABS w/Silicone Diaphragm)**  
High Flow Check Valve, Pocket for 6.8 mm OD Tubing to Pocket for 6.8 mm OD Tubing



Cracking Pressure: < .29 psig  
Max. Back Pressure: 14.500 psig  
Flow Rate with Water at 100 mbar:  
> 1000 ml/min  
Flow Direction: Left to right

**SCV SERIES:**  
One-Way Check Valves

**SCV06265 (Blue and Clear Polycarbonate w/Silicone Diaphragm)**  
Check Valve, Autoclavable, Socket for .122" (3.1 mm) ID x .165" (4.2 mm) OD Tubing x 2



Cracking Pressure: ≤ .087 psig  
Max. Back Pressure: 73 psig  
Flow Rate: ≥ 150 ml/min  
Flow Direction: Left to right

**SCV08053 (White SAN w/Silicone Diaphragm w/Natural LDPE)**  
Check Valve, Female Locking Luer to Male Locking Luer w/Cap



Cracking Pressure: ≤ .174 psig  
Max. Back Pressure: 87.023 psig  
Flow Rate: ≥ 90 ml/min  
Flow Direction: Left to right

**SCV10090 (Clear Polycarbonate w/Silicone Diaphragm)**  
Check Valve, Female Locking Luer to Pocket for .118" (3.0 mm) OD Tubing



Cracking Pressure: ≤ .174 psig  
Max. Back Pressure: 87.023 psig  
Flow Rate: ≥ 90 ml/min  
Flow Direction: Left to right

**SCV17090 (Clear Polycarbonate w/Silicone Diaphragm)**  
Check Valve, Female Locking Luer to Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing



Cracking Pressure: ≤ .174 psig  
Max. Back Pressure: 87.023 psig  
Flow Rate: ≥ 90 ml/min  
Flow Direction: Left to right

**SCV21053 (Clear and White MABS w/Silicone Diaphragm)**  
Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD Tubing x 2



Cracking Pressure: ≤ .174 psig  
Max. Back Pressure: 87.023 psig  
Flow Rate: ≥ 90 ml/min  
Flow Direction: Left to right

**SCV22050 (Clear SAN and Clear MABS w/Silicone Diaphragm)**  
Check Valve, Socket for .118" (3.0 mm) ID x .161" (4.1 mm) OD to Male Locking Luer



Cracking Pressure: ≤ .174 psig  
Max. Back Pressure: 87.023 psig  
Flow Rate: ≥ 90 ml/min  
Flow Direction: Left to right

CHECK VALVES

## SCV SERIES: One-Way Check Valves

### SCV23050 (Clear SAN w/Silicone Diaphragm)

Check Valve, Female Locking Luer to Male Locking Luer



Cracking Pressure:  $\leq .174$  psig  
Max. Back Pressure: 87.023 psig  
Flow Rate:  $\geq 90$  ml/min  
Flow Direction: Left to right

### VPS5401001N (ABS Housing with Silicone Disk)

Check Valve, Male Slip Luer, 420 mL/min Flow Rate at 1M Head, 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure



### VPS5401020N (Polycarbonate with Silicone Disk)

Check Valve, Male/Female Luer, 129 mL/min Flow Rate at 100 mmHg, 45 psi Back Pressure, 1-5 psi Inlet Cracking Pressure



### VPS5401036SN (Polycarbonate with Silicone Disk)

Reflux Check Valve, Male/Female Luer, 350 mL/min Flow Rate at 1 M Head, 45 psi Back Pressure, Opens at 284 mmHg



### VPS5401068N (Polycarbonate with Silicone Disk)

Check Valve, Male/Female Luer, 420 mL/min Flow Rate at 1 M Head 30 psi Back Pressure, 1/4 psi Inlet Cracking Pressure



## SCV SERIES: Barbed Check Valves

### SCV67FL/220 (SAN and MABS w/Silicone Diaphragm)

Check Valve, Female Locking Luer to Barb for 3/32" (2.4 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67FL/230 (SAN and MABS w/Silicone Diaphragm)

Check Valve, Female Locking Luer to Barb for 1/8" (3.2 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67220 (MABS w/Silicone Diaphragm)

Check Valve, Socket for 3/32" (2.4 mm) x 3/32" (2.4 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67220/230 (MABS w/Silicone Diaphragm)

Check Valve, Socket for 3/32" (2.4 mm) x 1/8" (3.2 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67220/ML (SAN and MABS w/Silicone Diaphragm)

Check Valve, Socket for 3/32" (2.4 mm) ID Tubing to Male Locking Luer



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67230 (MABS w/Silicone Diaphragm)

Check Valve, Socket for 1/8" (3.2 mm) x 1/8" (3.2 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67230/220 (MABS w/Silicone Diaphragm)

Check Valve, Socket for 1/8" (3.2 mm) x 3/32" (2.4 mm) ID Tubing



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

### SCV67230/ML (SAN and MABS w/Silicone Diaphragm)

Check Valve, Socket for 1/8" (3.2 mm) ID Tubing to Male Locking Luer



Cracking Pressure:  $\leq .087$  psig  
Max. Back Pressure: 73 psig  
Flow Rate:  $\geq 150$  ml/min  
Flow Direction: Left to right

# DCV Series

## Check Valves

Nordson MEDICAL's unique DCV Series bi-directional double check valve is designed to transfer clean fluid from a supply vessel to a use site. The fluid supply vessel is connected to the valve supply port (chimney) using a luer connection or tubing. The fluid is withdrawn from the supply vessel by a syringe or other device connected to the aspiration port. When the syringe is compressed the fluid is then transferred, through the exit port, to the use site without adulterating the fluid. DCV Series bi-directional valves are produced in polycarbonate resin using a silicone diaphragm, with two available inlet ports connecting to the female luer aspiration and male luer discharge ports.

### Features & Benefits:

- Bi-directional double check valve
- No need for disconnection to fill syringe
- Satisfies USP Class VI criteria
- Low cracking pressure
- Clean fluid transfer from supply to site
- High flow rate

### DCV SERIES: Double Check Valves, Tubing Pocket Chimney Port

#### DCV114 (-001) Radiation-Stable Polycarbonate

Double Check Valve, Tubing Pocket Chimney Port

Cracking Pressure: 2-5 psi



#### DCV115 (-001) Radiation-Stable Polycarbonate

Double Check Valve, Tubing Pocket Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi



### DCV SERIES: Double Check Valves, Female Luer Chimney Port

#### DCV118 (-001) Radiation-Stable Polycarbonate

Double Check Valve, Female Luer Chimney Port

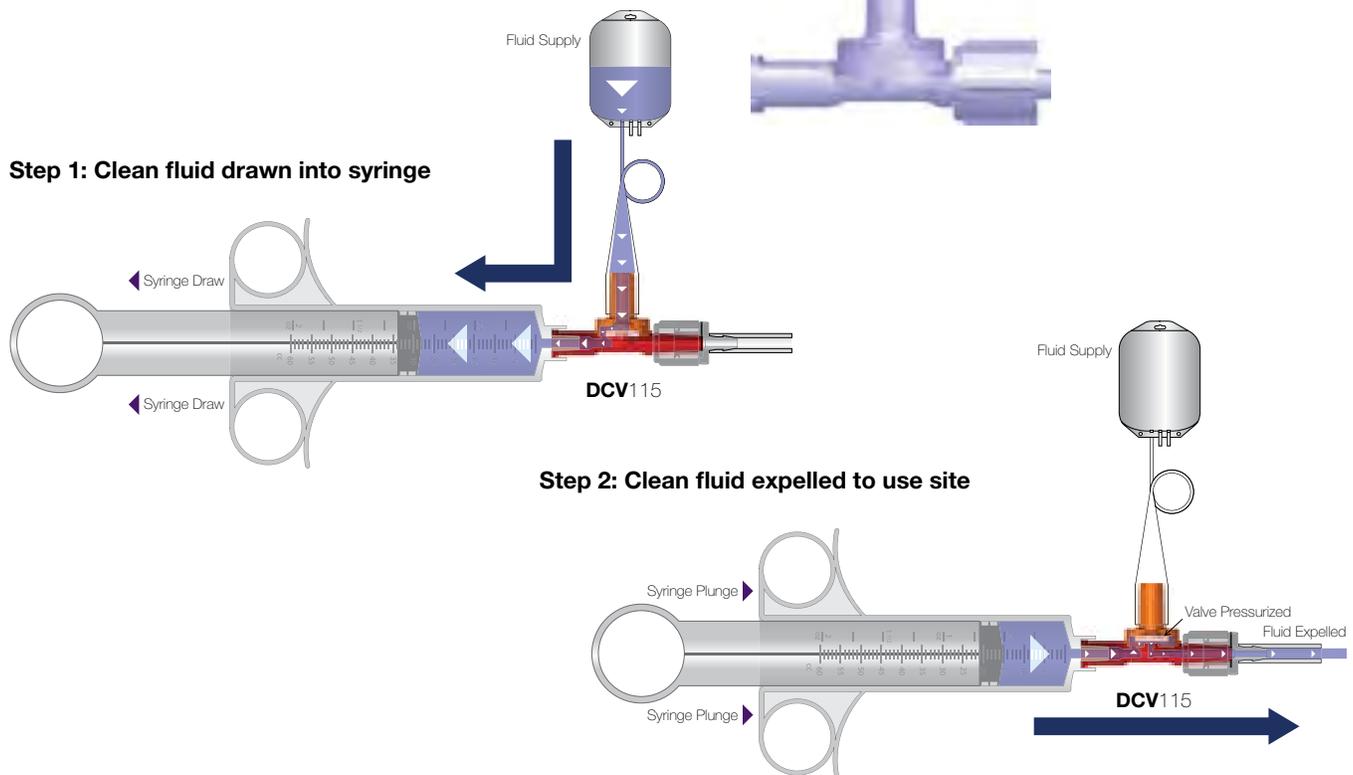
Cracking Pressure: 2-5 psi



#### DCV125 (-001) Radiation-Stable Polycarbonate

Double Check Valve, Female Luer Chimney Port, Rotating Luer Lock Exit Port

Cracking Pressure: 2-5 psi



# NEEDLEFREE

## SWABABLE VALVES



Vial Caps  
**PG-70**

Swabable Bag Valves  
**PG-71**



Valved Male Luers  
**PG-71**

Swabable Break-Off  
Valves **PG-71**



Swabable 'Y' Valves  
**PG-71**

Swabable Straight  
Valves **PG-71**



Bondable Valves  
**PG-71**



## NV Series

### Needlefree Swabable Valves

Nordson MEDICAL now offers cost efficient needlefree swabable valves featuring higher flow rates, low priming volumes, and a straight through design for unobstructed flow. The valves don't require caps, and the septum surface can be easily disinfected. Designed for the injection and aspiration of fluids, particularly for IV applications, cardiology, and catheters, the hermetic septum seal reduces the risk of biofilm formation and contamination. Available in widely used polycarbonate and copolyester materials, these valves are compatible with all industry standard luer syringes and connects, validating them as an efficient component solution for the OEM market.

#### Features & Benefits:

- Valve stems and bodies securely mate with all standard luer syringes and connectors
- Several configurations that are easy to customize
- Normally closed system to reduce the risk of infection
- Low priming volume and high flow rates
- Straight through design for unobstructed flow
- Gamma radiation stable and EtO compatible
- Not made with natural rubber latex or DEHP

The NV Series products are shipped bulk, non-sterile and are single patient use medical device components requiring further processing (e.g. assembly, packaging, sterilization) before clinical use. The buyer is responsible for determining effects of processing/multiple usage on these components, appropriateness of the component in the final application, and pre/post shelf life.

#### NV SERIES: Vial Caps

##### **NVF13VPC (Polycarbonate)**

13 mm Swabable Vial Cap, Female Luer to 13 mm Vial Cap



## NV SERIES: Swabable Bag Valves

### NVFBGPC (Polycarbonate)

Swabable Bag Valve, Female Luer to Bag Access Port



## NV SERIES: Valved Male Luers

### NVM41S-001 (Polycarbonate)

Valved Male Luer to 4.0 / 4.1 mm Bondable Socket



## NV SERIES: Swabable Break-Off Valves

### NVFBV60PC (Polycarbonate)

Swabable Break-Off Valve, Female Luer to Break Off 6.0 mm Port



## NV SERIES: Swabable 'Y' Valves

### NVfy42S-001 (Polycarbonate)

Swabable 'Y' Valve, Female Luer Y Port to 4.2 mm Bondable Sockets



### NVfy401CP (Copolyester)

Swabable 'Y' Valve, Female Luer Y Port to 4.01 mm Tube Sockets



### NVfy401PC (Polycarbonate)

Swabable 'Y' Valve, Female Luer Y Port to 4.01 mm Tube Sockets



## NV SERIES: Swabable Straight Valves

### NVFMLLCP (Copolyester)

Swabable Straight Valve, Female Luer to Male Luer Lock



### NVFMLLPC (Polycarbonate)

Swabable Straight Valve, Female Luer to Male Luer Lock



### NVFMLLS-001 (Polycarbonate)

Swabable Straight Valve, Female Luer to Male Luer Lock



## NV SERIES: Bondable Valves

### NVFMMLPC (Polycarbonate)

Bondable Valve, Female Luer to Male Luer Slip



### NVFMMLPCB (Polycarbonate)

Bondable Valve, Female Luer to Male Luer Slip, Blue Cap



## Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!



# STOPCOCK

## FITTINGS

Standard Pressure Stopcocks  
**PG-73**



High Pressure Stopcocks  
**PG-73**



# DIVERT™

## Stopcocks

Divert™ stopcocks are designed to easily control the flow of a liquid or gas through the use of an on/off diverter, and are available in two basic configurations – 1-way and 3-way. These chemically resistant stopcocks bring efficiency, convenience, and practicality to your tubing applications.

### Features & Benefits:

- 1-way and 3-way configurations
- Chemically resistant
- Not made with DEHP
- Diverter arrows provide a clear indication of flow
- Custom solutions available, including manifolds, ganged manifolds, and tubing assemblies
- Standard flow and high flow options
- Polycarbonate, PEI, nylon, and HDPE materials

Polycarbonate is known to experience environmental stress cracking when exposed to solvents. Please contact Nordson MEDICAL technical support if polycarbonate is planning on being used in a solvent bonding application. Looking for a stress-free connection? Ask our technical experts at 1-888-404-5837 how annealing and other secondary processes can alleviate the risk of environmental stress cracking in polycarbonate materials.

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

**DIVERT STOPCOCKS:**  
Standard Pressure Stopcocks

**FCFFM-017**

3-Way Stopcock, Female Luer to Female Luer to Bondable Socket, Clear Polycarbonate Body, 1-Arrow White HDPE Diverter



**FCFFM-020**

3-Way Stopcock, Female Luer to Female Luer to Male Luer, Clear Polycarbonate Body, 1-Arrow Natural HDPE Diverter



**FCFFMR-007**

3-Way Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 1-Arrow Natural HDPE Diverter



**FCFM-006**

1-Way Stopcock, Female Luer to Male Luer, Tinted Polycarbonate Body, 2-Arrow Natural HDPE Diverter



**FCFMR-001**

1-Way Non-Sterile Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body, 2-Arrow Natural HDPE Diverter



**FCLBFFMR-1A-003**

3-Way High Flow Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Large Bore, Clear Polycarbonate Body and Lock Ring, 1-Arrow Natural HDPE Diverter



**FCLBFMR-001**

1-Way High Flow Stopcock, Female Luer to Male Luer with Luer Lock Ring, Large Bore, Clear Polycarbonate Body and Lock Ring, 2-Arrow Natural HDPE Diverter



**FCVFFM-008**

3-Way Stopcock, Female Luer to Female Luer to Male Luer, 80369-7 Compliant, Clear Polycarbonate Body, Natural HDPE Diverter



**FCVFM-001**

1-Way Low-Pressure Stopcock, Female Luer to Male Luer, 80369-7 Compliant, Radiation-Stable Polycarbonate Body, Natural HDPE Diverter



STOPCOCK  
FITTINGS

**DIVERT STOPCOCKS:**  
High Pressure Stopcocks

**FCHPFFMR-003**

3-Way High Pressure Stopcock, Female Luer to Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 4-Arrow Gold Color Acetal Diverter



**FCHPFMR-002**

1-Way High Pressure Stopcock, Female Luer to Male Luer with Luer Lock Ring, Clear Polycarbonate Body and Lock Ring, 2-Arrow Gold Color Acetal Diverter



# BIOPROCESS

## FITTINGS

Bag Ports  
**PG-74**



BioProcessing Check  
Valves **PG-77**



Opposing Barb  
Ports **PG-78**



Pharma+ Tubing  
Retainers **PG-79**



BioClamp®  
**PG-80**



BioValve®  
**PG-81**



PharmaLok™  
Clamps **PG-82**



PharmaLok™ Tube  
Clamps **PG-85**



Spaulding™ Aseptic  
Disconnects **PG-86**



CYLINDRAFlow™  
Manifolds **PG-88**



Sanitary Fittings  
**PG-89**



Gaskets  
**PG-93**



Large Tube Fittings  
**PG-95**



Tube Fittings  
**PG-20**



## BAG

### Ports

Nordson MEDICAL's new high tech series of bag ports offers a variety of benefits new to the biopharmaceutical industry through a unique design. Value Pharma™ resin holds credentials that many manufacturers deem fundamental, such as animal derivative free qualification, USP Class VI certification, and the guarantee of heat sealing and conformance with polyethylene bags. The resin then goes even further to provide a strong, 24-hour resistance to alcohol stress cracking. RENOLIT SOLMED Granuflex 4301 resin demonstrates lower leachable levels and high purity.

Their unique design sets these ports apart from existing solutions. The most notable of the bag ports' specifications are the parabolic lead and the alignment ribs. These two features, respectively, reduce the amount of time it takes to drain a bag by up to 24 percent and improve flow dynamics through the port.

- Works with leading industry single-use bags
- Works with the frequently utilized tubing sizes found in the pharmaceutical industry
- Allows the option to connect directly to sanitary TC fittings
- Ideal for dip tubes
- Reduces the time it takes to drain a bag by 17 to 24%
- Similar results for both fluid and powder applications
- Improves fluid dynamics of flow through the port
- Ensures heat sealing with polyethylene bags
- Includes a USP Class VI certification
- Animal derivative free
- Resistant to alcohol stress cracking
- Demonstrates lower leachable levels and high purity



**BAG PORTS:**  
600 Series Barb Style

**SFBP630 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 1/8" (3.2 mm) Tubing ID



**SFBP655 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 1/4" (6.4 mm) Tubing ID



**SFBP670 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 3/8" (9.5 mm) Tubing ID



**BAG PORTS:**  
600 Series Barb Style

**SFBP680 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 1/2" (12.7 mm) Tubing ID



**SFBP6100 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 3/4" (19.0 mm) Tubing ID



**SFBP6110 (-VP1) Value Pharma™ Resin**  
Bag Port with 600 Series Barb, 1" (25.4 mm) Tubing ID



**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

**Need Samples for Evaluation?**

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.  
**+1 (970) 267-5200 Toll Free: (888) 404-5837**

**BAG PORTS:**  
Ferrule Fitting to 1-1/2" TC Connection

**SFBPF1 (-VP1) Value Pharma™ Resin**  
Bag Port with Ferrule Fitting to 1-1/2" TC Connection



Innovative Parabolic Lead & Alignment Ribs

**BAG PORTS:**  
4" TC Connection

**SFBPF4 (-VP1) Value Pharma™ Resin,**  
Bag Port with Ferrule Fitting to 4" TC Connection



**BAG PORTS:**  
3" TC Connection

**SFBPF3 (-VP1 -CM056) Value Pharma™ Resin,**  
**Granuflex Polyethylene**  
Bag Port with Ferrule Fitting to 3" TC Connection



**Need More Details?**

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

**Need Samples for Evaluation?**

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.  
**+1 (970) 267-5200 Toll Free: (888) 404-5837**

**BAG PORTS:**  
End Caps

**SFM3C (-6005)**

Flat TC Style End Cap, 3", Works with SFBPF3



**SFM4C (-6005)**

Flat TC Style End Cap, 4" (101.6 mm) Flange



# BIOProcessing

## Check Valves

Nordson MEDICAL now offers a reliable check valve. Our patented check valve design features a barb for a secure connection, and our normally closed pathway means you only get flow when you want it. Our biopharm-compatible materials meet USP Class VI and ISO 10993 criteria, making them the valves of choice for your applications. Now you can do even more in pharmaceutical development. Nordson MEDICAL's bioprocessing check valves control flow, restrict siphoning and backflow, and prevent contamination.

**Features & Benefits:**

- Designed to prevent backflow
- Biopharma-grade materials meet USP Class VI & ISO 10993 criteria
- No animal derivatives
- Barbs that work with tube clamps
- Normally closed valve for optimum flow control
- Clean room manufacturing
- Flow orientation by design

**SCV655U50C050 (-001)**

Normally Closed Check Valve Assembly, 600 Series Barb, 1/4" (6.4mm) ID Tubing, 0.5 psi Crack Pressure



Opening Pressure: 0.3 psi  
Burst Pressure: 60 psi  
Flow Direction: Left to right

BIOPROCESSING  
FITTINGS

### Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

### Need it Fast?

You can order our parts online now with no order \$ minimums, 24 hours a day, 7 days a week!

[www.nordsonmedical.com](http://www.nordsonmedical.com)

# OPPOSING

## Barb Ports

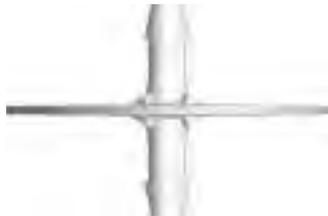
Nordson MEDICAL now offers the biomedical market opposing barb ports. The larger ports can be used in filling applications, and they are also ideally suited to work with sensors.

- Easy to heat seal into film material
- Can be used in filling applications
- Port plates featuring Value Pharma™ or Granuflex resin
- Works great with silicone and TPE style tubing
- Better tube retention
- 600 Series barb sizes
- Animal-free polyethylene
- Materials meet USP Class VI criteria and are ADF compliant
- Fits tubing sizes from 3/16" to 3/4"

### OPPOSING BARB PORTS: 600 Series Barb Style

#### SFBP635/635 (-VP1) Value Pharma™ Resin

Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/16" (4.8 mm) Tubing ID



#### SFBP655/655 (-VP1) Value Pharma™ Resin

Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/4" (6.4 mm) Tubing ID



### OPPOSING BARB PORTS: 600 Series Barb Style

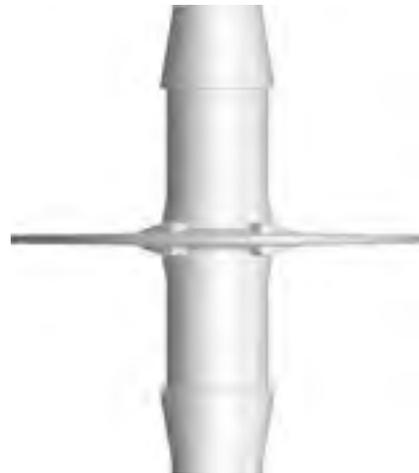
#### SFBP670/670 (-VP1) Value Pharma™ Resin

Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/8" (9.5 mm) Tubing ID



#### SFBP680/680 (-VP1) Value Pharma™ Resin

Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 1/2" (12.7 mm) Tubing ID



#### SFBP6100/6100 (-VP1) Value Pharma™ Resin

Dip Tube (Opposable Barbs) with Two 600 Series Barbs, 3/4" (19.0 mm) Tubing ID



# PHARMA+™

## Tubing Retainers

Experience leak-free fluid transfer like never before with our advanced tubing retainers. Designed to effortlessly secure tubing over hose barbs, our patent-pending retainers feature a revolutionary lead-in ramp ensuring complete 360° compression to prevent leaks, while ribs on both edges provide an extra layer of protection. Crafted for compatibility, they work seamlessly with silicone, TPE, and PVC tubing, making them a versatile choice for biopharm processing and high-pressure medical applications. Their intuitive, clean room-molded design ensures easy, contamination-free assembly, further supported by their recyclable composition. Choose reliability, choose efficiency – choose Pharma+ Tubing Retainers and conquer fluid transfer challenges with confidence.

### PHARMA+ Tubing Retainers

#### TR30/50-PK5

Tubing Retainer 1/4" (6.4 mm) to 7/16" (11.1 mm) OD Tubing, Polyketone



#### TR55/70-PK5

Tubing Retainer 3/8" (9.5 mm) to 5/8" (15.9 mm) OD Tubing, Polyketone



#### TR80/100-PK5 (Coming Soon)

Tubing Retainer 5/8" (15.9 mm) to 1-1/8" (28.6 mm) OD Tubing, Polyketone



### Features & Benefits:

- Lead-in ramp creates complete 360° compression for leak prevention
- Intuitive design for easy assembly using existing cable tie tension tools
- Three sizes cover a range of tubing IDs and ODs
- Covering of barb edge creates a secure attachment and prevents leaks from ballooned tubing
- Clean room molded to prevent contamination
- Materials meet USP Class VI & ISO 10993 criteria
- Validated plastic material does not corrode
- Recyclable for easy disposal

### Specifications:

#### Material:

- Polyketone (PK)

#### Tubing ID Sizes:

- TR30/50-PK: 1/8" (3.2 mm) to 3/16" (4.8 mm)
  - TR55/70-PK: 1/4" (6.4 mm) to 3/8" (9.5 mm)
  - TR80/100-PK: 1/2" (12.7 mm) to 3/4" (19.0 mm)
- Coming Soon

#### Tubing OD Sizes:

- TR30/50-PK: 1/4" (6.4 mm) to 7/16" (11.1 mm)
  - TR55/70-PK: 3/8" (9.5 mm) to 5/8" (15.9 mm)
  - TR80/100-PK: 5/8" (15.9 mm) to 1-1/8" (28.6 mm)
- Coming Soon

#### Sterilization:

- Gamma radiation up to 50 kGy
- Autoclavable up to 250° F (121° C)
- X-ray sterilization up to 50 kGy

#### Operating Pressure:

- 80 psi pressure rating to 120 psi burst

# BIOClamp®

BioClamp® plastic quick-release clamps are specifically designed to meet the needs of busy pharmaceutical and bioprocessing laboratories, offering full flexibility in single-use applications. The clamp is lightweight and easy for technicians to install and provides for quick and convenient assembly release.

## Features & Benefits:

- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Reduced distortion on polymeric components
- More compatible with current manufacturing than steel
  - Greater flexibility in operation
  - Single-use disposal
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

## Specifications:

**Materials:** Glass reinforced Nylon 66

**Max. Operating Pressure:** 150 psig for 1/2" to 4" clamps & 90 psig for 6" and 8" clamps

**Max. Cumulative Gamma Dose:** 40 kiloGrays

**USP Class VI Certified Materials**



## Reference part shown: VNG150WHT

Due to size we are not able to display all large BioClamp® fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

### VNG075WHT (Glass Reinforced White Nylon)

Clamp, Mini Flange, 1/2" (12.7 mm) to 3/4" (19.0 mm)

### VNG150WHT (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 1" (25.4 mm) to 1.5" (38.1 mm)

### VNG200WHT (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 2" (50.8 mm)

### VNG300WHT (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 3" (76.2 mm)

### VNG400WHT (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 4" (101.6 mm)

### VNG600WH (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 6" (152.4 mm)

### VNG800WH (Glass Reinforced White Nylon)

Clamp, Maxi Flange, 8" (203.2 mm)

## Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

## Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

# BIOValve®

The BioValve® pinch valve is a precision restriction flow controller and shut-off valve for silicone tubing used in bioprocessing and pharmaceutical manufacturing applications.

**Features & Benefits:**

- Can be SIP repeatedly
- Can be autoclaved repeatedly at 134°C for 5 minutes
- Can be subjected to 40 kiloGrays without weakening
- Can be calibrated to minimize flow path turbulence
- Can be used with one hand
- Thread pitch is calibrated to 2 mm per turn

**Specifications:**

**Materials:** Glass reinforced Nylon 66

**Tubing Sizes:** 1/4" to 1" OD

**Max. Operating Pressure:** 150 psig

**Max. Cumulative Gamma Dose:** 40 kiloGrays

**USP Class VI Certified Materials**

**VBV0500NW (Glass Reinforced White Nylon)**  
Pinch Valve Mini, 1/4" (6.4 mm) to 1/2" (12.7 mm) Tubing OD



**VBV1000NW (Glass Reinforced White Nylon)**  
Pinch Valve, Maxi, 1/2" (12.7 mm) to 1" (25.4 mm) Tubing OD



BIOPROCESSING  
FITTINGS

## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



# PHARMA Lok™

## Clamps

The biopharmaceutical industry has made a strong move towards single-use technology, so Nordson MEDICAL has developed ground-breaking clamp designs that simplify the assembly process. Effortlessly and securely attach sanitary fittings to bag ports and filters with PharmaLok™ Easy-Open Clamps, and close off flow with PharmaLok™ Tube Clamps.

Nordson MEDICAL's PharmaLok™ clamps are ASME BPE compliant. Single-use and easy-open clamp sizes include .5" to .75", 1" to 1.5", 3", and 4".

PharmaLok™ clamps provide a significant advancement for the industry, as a number of existing solutions either require tools for closure or consist of multiple components, which turns what should be a simple operation into a difficult and awkward process.

Easily operated with one hand, PharmaLok's patented design allows effortless attachment of fittings to bag ports and filters. The user simply rests the fitting in the PharmaLok's regulation-sized slot, lightly grips the surrounding handles, and listens for the sound of clicks to confirm a secure connection.

### Single-Use Clamps & Easy-Open Clamps

#### Features & Benefits:

- ASME BPE 018 DT-7-1 compliant & DIN compliant
- Easy to use, one-handed closure - no tools needed
- Repeatable use with constantly equal pressure on the gasket
- Tamper evident and zip tie compatible
- 360° compression
- Connects both plastic and stainless steel fittings
- SIP/CIP compatible
- Applications
  - Bioprocessing
  - Single-use technology (SUS)
  - Drug discovery and development
  - Fluid transport
  - Pharmaceutical scale up
  - Sterile bag systems

#### Specifications:

##### Materials:

Zytel® FGFE5171 glass-filled nylon certified to USP Class VI & ISO 10993 and available in white, blue, or orange

##### Temperature & Sterilization Specifications:

Normal operating temperature -94°F (-70°C) to 140°F (60°C)

Cryogenic freezing to -112°F (-80°C)

Autoclavable up to 273°F (134°C) for a maximum of 30 min.

Gamma radiation up to 50 kGy

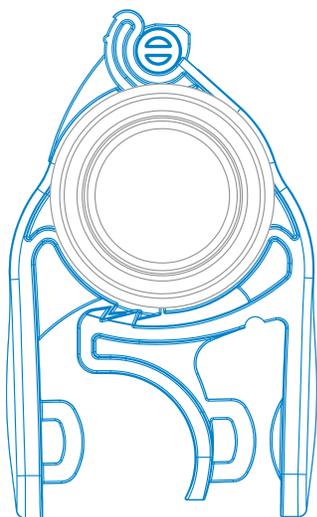
X-ray sterilization up to 50 kGy

##### Maximum Pressure:

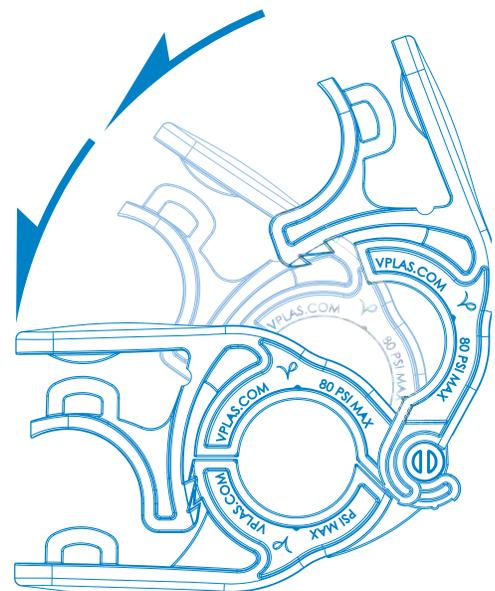
80 psi (conforms to ASME BPE-2014 PM-4.2.2)

##### Sizes:

Fitting .5" (12.7 mm) to .75" (19.0 mm), 1" (25.4 mm) to 1.5" (31.8 mm), 3" (76.2 mm), and 4" (101.6 mm)



**Easy,  
2 Click  
Closure**



**360° Compression**

**PHARMALOK SERIES:**  
Easy-Open Clamps

**CPAX150 (-U71)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
1" (25.4 mm) to 1.5" (38.1 mm)



**CPAN75 (-U71)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
.5" (12.7 mm) to .75" (19.0 mm)



**CPAX150 (-U75)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
1" (25.4 mm) to 1.5" (38.1 mm), Glass Reinforced Blue Nylon



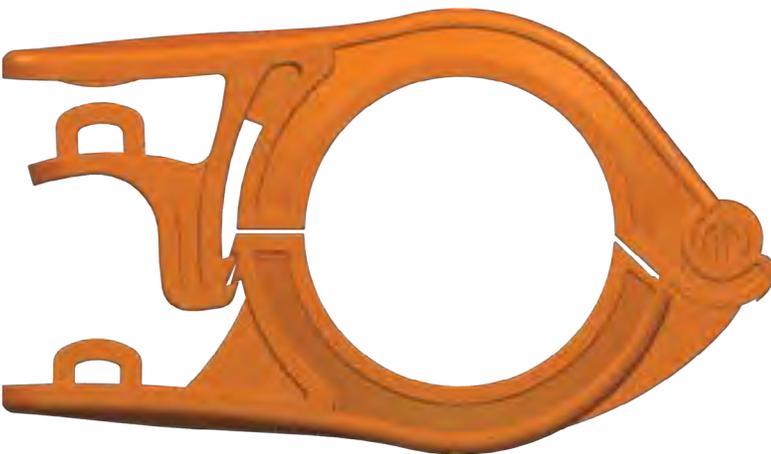
**CPAN75 (-U75)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
.5" (12.7 mm) to .75" (19.0 mm), Glass Reinforced Blue Nylon



**CPAX150 (-U706)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
1" (25.4 mm) to 1.5" (38.1 mm), Glass Reinforced Orange Nylon



**CPAN75 (-U706)**

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version  
.5" (12.7 mm) to .75" (19.0 mm), Glass Reinforced Orange Nylon



BIOPROCESSING  
FITTINGS

## PHARMALOK SERIES: Easy-Open Clamps

### CPAX300 (-U71)

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version 3" (76.2 mm), Glass Reinforced White Nylon

### CPAX400 (-U71)

PharmaLok™ Easy-Open Clamp Series, Hygienic Union TC Version 4" (101.6 mm), Glass Reinforced White Nylon



## PHARMALOK SERIES: Single-Use Clamps

### CPX150 (-U71)

Single-Use Series Clamp, TC Version 1" (25.4 mm) to 1.5" (38.1 mm)

### CPN75 (-U71)

Single-Use Series Clamp, TC Version .5" (12.7 mm) to .75" (19.0 mm)



These clamps are specifically designed to work with Nordson MEDICAL's SF Series sanitary fitting Mini and Maxi flanges, as well as related caps and gaskets.

# TUBE

## Clamps

### Features & Benefits:

- Designed for use with silicone and TPE tubing
- Easy to use, one-handed closure - no tools needed
- Tamper evident and zip tie compatible

### Specifications:

**Materials:** Zytel® FGFE5171 glass-filled nylon certified to USP Class VI & ISO 10993 and available in white

### Temperature & Sterilization Specifications:

Normal operating temperature -94°F (-70°C) to 140°F (60°C)

Cryogenic freezing to -112°F (-80°C)

Autoclavable up to 273°F (134°C) for a maximum of 30 min.

Gamma radiation up to 50 kGy

X-ray sterilization up to 50 kGy

**Maximum Pressure:** Up to 150 psi

**Thin-Walled Tube Clamp Size:** Wall thickness 1/32" (0.79 mm) to 3/32" (2.38 mm), Max OD 1/2" (12.7 mm)

**Standard Tube Clamp Size:** Wall thickness 1/8" (3.2 mm) to 1/4" (6.4 mm), Max OD 1" (25.4 mm)

**Large Tube Clamp Size:** Wall thickness 1/8" (3.2 mm) to 1/4" (6.4 mm), Max OD 2.5" (63.5 mm)

### CPT90 (-U71 -U706)

PharmaLok™ Small and Thin-Walled Tube Clamp, Wall Thickness 1/32" (0.79 mm) to 3/32" (2.4 mm), Max OD 1/2" (12.7 mm), Glass-Filled White Nylon



### CPT100 (-U71 -U706)

PharmaLok™ Standard Tube Clamp, Wall Thickness 1/8" (3.2 mm) to 1/4" (6.4 mm), Max OD 1" (25.4 mm), Glass-Filled White Nylon



### CPT110 (-U71 -U706)

PharmaLok™ Large Tube Clamp, Wall Thickness 1/8" (3.2 mm) to 1/4" (6.4 mm), Max OD 2.5" (63.5 mm), Glass-Filled White Nylon



# SPAULDING™

## Aseptic Disconnects

Providing a leak-free connection, the Spaulding™ Series Aseptic Disconnects eliminate the need for pinch clamps and tube welders. Smooth disconnects are achievable with the easy-to-use design, and valuable fluids are protected by valves that automatically shut off flow when the fittings are disconnected. Available in USP Class VI, ADCF Polysulfone, validation and test results confirm their suitability in pre-sterilized systems and are also gamma radiation stable. These connectors are interchangeable with similar plastic connectors.

### Features & Benefits:

- Valves that automatically shut off flow at disconnection
- Interchangeable with other plastic & metal connectors
- Plugs and caps available to maintain fluid path integrity
- Made with BSE/TSE-free materials
- Validation and test results confirm their suitability in pre-sterilized systems
- Materials satisfy USP Class VI criteria
- Fittings meet industry requirements
- Aseptic disconnect operation

### Specifications:

- **Materials:** Body - USP Class VI, ADCF tinted polysulfone, o-rings - platinum-cured silicone, springs - 316 stainless steel
- **Sterilization:** Gamma radiation stable up to 50kGy, autoclavable to 270°F (132°C) for a maximum of 60 minutes
- **Fits Tubing IDs:** 1/4" (6.4 mm), 3/8" (9.5 mm), 1/2" (12.7 mm)
- **Operating Temperature:** -40°F (-40°C) to 280°F (138°C)
- **Leak Resistance:** 125 psi (8.62 bar)

### SDAVF655NPS (-001)

Spaulding™ Aseptic Disconnect, Female Valved Connector, 600 Series Barb, 1/4" (6.4 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAM655NPS (-001)

Spaulding™ Aseptic Disconnect, Male Open Flow Connector, 600 Series Barb, 1/4" (6.4 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAVM655NPS (-001)

Spaulding™ Aseptic Disconnect, Male Valved Connector, 600 Series Barb, 1/4" (6.4 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### Need More Details?

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

### Need it Fast?

You can order our parts online now with no order \$ minimums, 24 hours a day, 7 days a week!  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

## SPAULDING SERIES: Aseptic Disconnects

### SDAVF670NPS (-001)

Spaulding™ Aseptic Disconnect, Female Valved Connector, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAVF680NPS (-001)

Spaulding™ Aseptic Disconnect, Female Valved Connector, 600 Series Barb, 1/2" (12.7 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAM670NPS (-001)

Spaulding™ Aseptic Disconnect, Male Open Flow Connector, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAM680NPS (-001)

Spaulding™ Aseptic Disconnect, Male Open Flow Connector, 600 Series Barb, 1/2" (12.7 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAVM670NPS (-001)

Spaulding™ Aseptic Disconnect, Male Valved Connector, 600 Series Barb, 3/8" (9.5 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



### SDAVM680NPS (-001)

Spaulding™ Aseptic Disconnect, Male Valved Connector, 600 Series Barb, 1/2" (12.7 mm) ID Tubing, Animal-Free Polysulfone, Silicone O-Ring



BIOPROCESSING  
FITTINGS

### SDAFCNPS (-001)

Spaulding™ Aseptic Disconnect, Female Cap Connector, Animal-Free Polysulfone, Silicone O-Ring



### SDAMPNPS (-001)

Spaulding™ Aseptic Disconnect, Male Plug Connector, Animal-Free Polysulfone, Silicone O-Ring



## Did You Know?

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!

## Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support (970) 267-5200.

# CYLINDRAFlow™

## Manifolds

Nordson MEDICAL is proud to introduce the first all-in-one manifold for pharmaceutical and single-use biopharmaceutical fluid transfer applications. The revolutionary design of this patent-pending, compact fitting not only saves space, but also simplifies use and assembly. With five ports available in one component, gone are the many leak points found in traditional stopcock and Y connector manifolds. Ideal for downstream processing, multiple bags can easily be filled from one large bag. Flow is consistent as it travels around the inner body of the part, maintaining a steady pressure. The large flow selector is effortless to turn, and the lock-in-place feature gives you assurance that you are utilizing the desired port.

### CYLINDRAFLOW: Manifolds

#### FMD5P670-001

CYLINDRAFlow™ Manifold Director, 600 Series Barbs, 3/8" (9.5 mm) Flow, 1 Input, 5 Outputs, 15 psi Liquid Rated, -9024 Polycarbonate Material

#### Features & Benefits:

- Can accommodate up to 5 fluid lines
- Flow restricted to one port at a time
- No pressure drop as fluid moves around & through the ports
- Intuitive push-to-turn flow selector
- Easier to use and fewer leak points than stopcock and Y connector manifolds
- Materials meet USP Class VI & ISO 10993 criteria
- Gamma radiation stable
- Can be daisy chained for additional ports
- Arrows to provide a clear indication of how to turn the flow selector and which port is in use
- Etched data code for easy access to product resources and material information

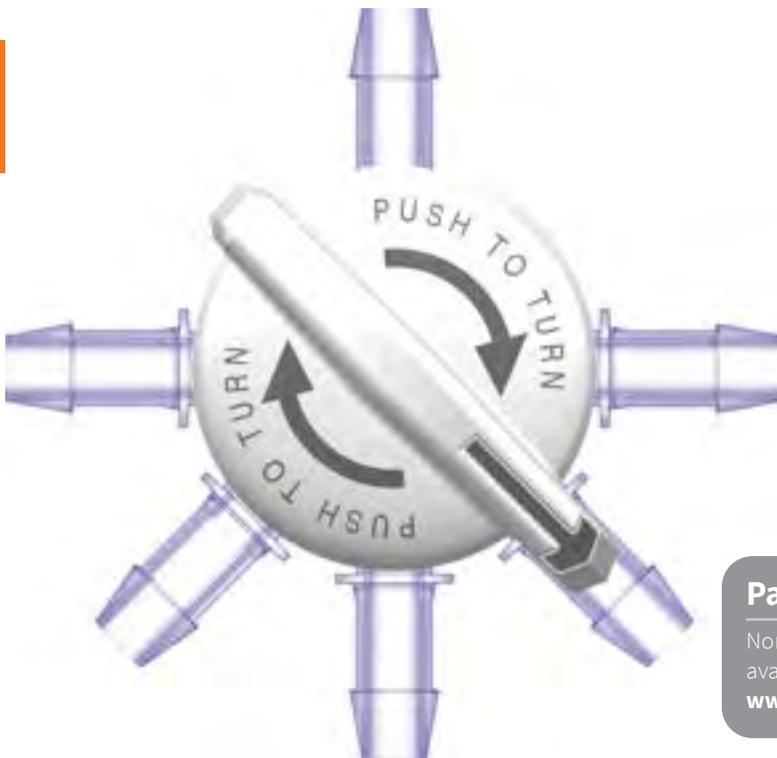
#### Specifications:

**Materials:** Body & flow selector - gamma stable polycarbonate, internal spring - 316 stainless steel, gasket - platinum-cured silicone

**Maximum Pressure:** 15psi (1.0 bar) liquid rated

**Fits Tubing IDs:** 3/8" (9.5 mm)

**Barb Size:** 600 series



#### Part Drawings Online!

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

#### Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.  
**+1 (970) 267-5200 Toll Free: (888) 404-5837**

# SF Series

## Sanitary Fittings

The SF Series sanitary fittings are based on design concepts calling for a heavy-duty part with superior side load strength, while providing superior flow-through characteristics, making them the connectors of choice for single-use bioprocesses. Pharmaceutical professionals find these plastic fittings offer all the benefits of disposable parts while offering performance capabilities not found in earlier versions of flanged fittings.

### Features & Benefits:

- Animal-free materials: No BSE documentation required
- Radiused flow surfaces: Smooth uninterrupted flow
- “Mini” & “Maxi” sizes: Easy to retrofit current operations, works with commercially available biopharm clamps
- No Particulate build-up: Interior surface controlled to 15 Ra microinch
- Reducer sizes available

### Specifications:

**Materials:** Animal-Free Polypropylene, Natural PVDF

### Tubing ID Sizes:

- 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/2, 2"
- Reducers 1" x 3/4", 1-1/2" x 3/4", 1-1/2" x 1", 2" x 3/4", 2" x 1-1/2"

**Leak Resistance:** Tested at 80 psi air under water for 90 seconds with no leaks

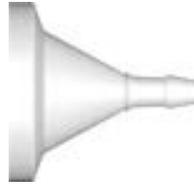
### Tubing Removal Force:

- 1/4" PP with C-Flex® shore A tubing: 21 lbs.
- 1/2" PP with C-Flex® shore A tubing: 89 lbs.
- 1" PP with C-Flex® shore A tubing: 121 lbs.

**Interior Surface Finish:** 15 Ra Microinch

### SFMN630 (-6005)

Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 1/8" (3.2 mm) Tubing ID



### SFMN655 (-6005 -J2A)

Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 1/4" (6.4 mm) Tubing ID



### SFMN670 (-6005 -J2A)

Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 3/8" (9.5 mm) Tubing ID



### SFMN680 (-6005 -J2A)

Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 1/2" (12.7 mm) Tubing ID



### SFMN6100 (-6005 -J2A)

Sanitary Fitting, Mini Flange 3/4" to 600 Series Barb, 3/4" (19.0 mm) Tubing ID



**SANITARY FITTINGS:**  
Maxi Flange

**SFMX655 (-6005 -J2A)**

Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1/4" (6.4 mm) Tubing ID



**SFMX6110 (-6005 -J2A)**

Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1.0" (25.4 mm) Tubing ID



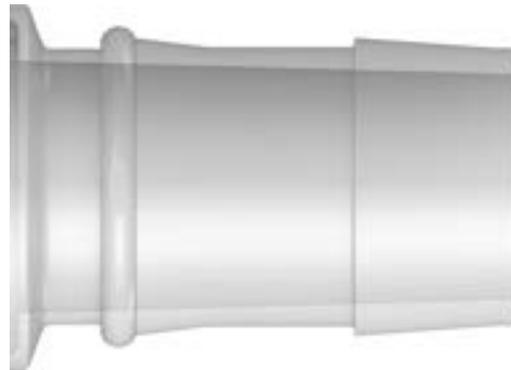
**SFMX670 (-6005 -J2A)**

Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 3/8" (9.5 mm) Tubing ID



**SFMX6150 (-6005)**

Sanitary Fitting, Maxi Flange 1.5" to 600 Series Barb, 1.5" (38.1 mm) Tubing ID



**SFMX680 (-6005 -J2A)**

Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 1/2" (12.7 mm) Tubing ID



**SFM2X6110 (-6005)**

Sanitary Fitting, Maxi Flange 2.0" to 600 Series Barb, 1.0" (25.4 mm) Tubing ID



**SFMX6100 (-6005 -J2A)**

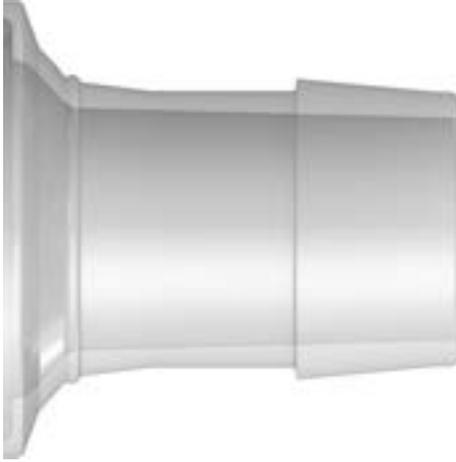
Sanitary Fitting, Maxi Flange 1-1/2" to 600 Series Barb, 3/4" (19.0 mm) Tubing ID



**SANITARY FITTINGS:**  
Maxi Flange

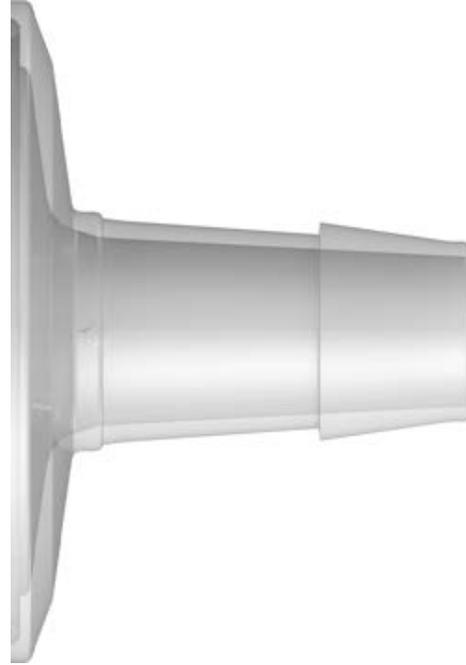
**SFM2X6150 (-6005)**

Sanitary Fitting, Maxi Flange 2.0" to 600 Series Barb, 1.5" (38.1 mm) Tubing ID



**SFM3X6110 (-6005)**

Sanitary Fitting, Maxi Flange 3.0" to 600 Series Barb, 1.0" (25.4 mm) Tubing ID



**SFM2XY (-6005)**

Sanitary Fitting, Y Maxi Flange 2.0" x 2.0" x 2.0" (50.8 mm) Tubing ID



BIOPROCESSING  
FITTINGS

**SANITARY FITTINGS:**  
Caps

**SFMNC (-6005 -J2A)**  
Sanitary Fitting Mini Cap 3/4"



**SFMXC (-6005 -J2A)**  
Sanitary Fitting Maxi Cap 1-1/2"



**SFM2XC (-6005)**  
Sanitary Fitting Maxi Cap 2.0"



**SFM3XC (-6005)**  
Sanitary Fitting Maxi Cap 3.0"



**SANITARY FITTINGS:**  
TC Reducers

**SFM100/SFM075 (-6005)**  
Sanitary Fitting, Concentric Reducer 1" (25.4 mm) Landish TC x .75" (19.0 mm) TC



**SFM150/SFM075 (-6005)**  
Sanitary Fitting, Concentric Reducer 1.5" (38.1 mm) Landish TC x .75" (19.0 mm) TC



**SANITARY FITTINGS:**  
TC Reducers

**SFM150/SFM100 (-6005)**  
Sanitary Fitting, Concentric Reducer 1.5" (38.1 mm) Landish TC x 1" (25.4 mm) TC



**SFM200/SFM075 (-6005)**  
Sanitary Fitting, Concentric Reducer 2" (50.8 mm) Landish TC x .75" (19.0 mm) TC



**SFM200/SFM150 (-6005)**  
Sanitary Fitting, Concentric Reducer 2" (50.8 mm) Landish TC x 1.5" (38.1 mm) TC



## GASKETS: Mini and Maxi Flange Accessories

# GASKETS

Material options include Class VI compliant PTFE/EPDM and platinum-cured silicone in gasket sizes that fit both the 1-½" (Maxi) and the ¾" (Mini) Flange Series. Keeping customer requirements in mind, these components were manufactured for applications requiring the highest sanitary standards and chemical purity.

### GMN450 (-PX) Platinum-Cured Silicone

Molded Gasket for Mini Flange SFMN Series Fittings



### GMX455 (-PX) Platinum-Cured Silicone

Molded Gasket for Maxi Flange SFMX Series Fittings



### GMN75 (-PX) Platinum-Cured Silicone

Molded Gasket for Mini Flange SFMN Series Fittings



### GMX150 (-PX) Platinum-Cured Silicone

Molded Gasket for Maxi Flange SFMX Series Fittings



### G40MPGR-TF150 (-E) PTFE

Molded Tuf-Flex® Gasket for Maxi Flange SFMX Series Fittings



### G424TRX-0300 Platinum-Cured Silicone

Molded Gasket for 3" Flange Fittings



## Did You Know?

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## Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

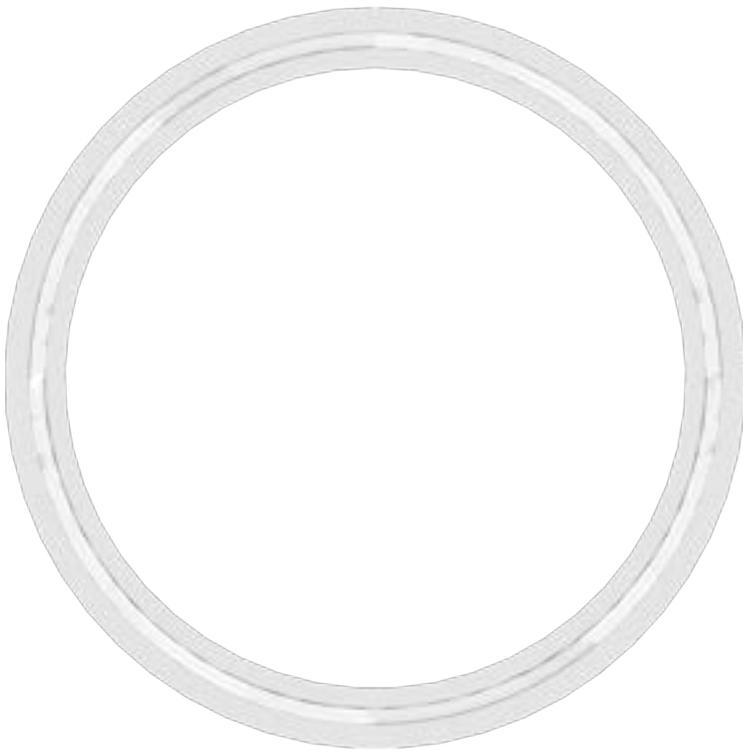
**GASKETS:**  
Mini and Maxi Flange Accessories

**GM4749TRX-0600 Platinum-Cured Silicone**  
Molded Gasket for 6" Flange Fittings



**GASKETS:**  
Platinum-Cured Silicone Gaskets

**G40RX-PX-0400 Platinum-Cured Silicone**  
Molded Gasket, 4"



BIOPROCESSING  
FITTINGS

# LARGE TUBE

## Fittings

Nordson MEDICAL offers barbed tube fittings and tubing connectors in sizes ranging from 1/16" (1.6 mm) to 1.5" (38.1 mm) tubing ID in over 100 separate configurations in nylon, polypropylene, polycarbonate and PVDF, with other engineering resins available on special order. Available barbed fitting styles include straight tube connectors, elbow fittings, tee fittings, crosses, Y (wye) connectors, multi-port connectors, and multiple straight, elbow and tee reducer combinations.

### LARGE TUBE FITTINGS: Straight Through



Reference part shown: **N670**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**N070 (-6005)**  
Straight Through Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

**N670 (-6005 -9 -J2A)**  
Straight Through Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

**N080 (-6005)**  
Straight Through Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

**N680 (-6005 -J2A)**  
Straight Through Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

**N090 (-0)**  
Straight Through Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

**N690 (-0)**  
Straight Through Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

**N100 (-6005)**  
Straight Through Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

**N6100 (-6005)**  
Straight Through Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

**N110 (-0)**  
Straight Through Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

**N6110 (-6005)**  
Straight Through Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**N6150 (-6005)**  
Straight Through Connector with 600 Series Barbs, 1.5" (38.1 mm) ID Tubing



Reference part shown: **N070/013**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**N070/013 (-6005)**  
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/8" (3.2 mm) ID Tubing

**N670/630 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 3/8" (9.5 mm) and 1/8" (3.2 mm) ID Tubing

**N070/055 (-0 -6005 -9)**  
Straight Through Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**N670/655 (-6005 -9)**  
Straight Through Reduction Connector with 600 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**N080/055 (-0 -6005)**  
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**N680/655 (-6005 -J2A)**  
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**N080/070 (-0 -6005)**  
Straight Through Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**N680/670 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**N090/055 (-0)**  
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

**N690/655 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 5/8" (16.0 mm) and 1/4" (6.4 mm) ID Tubing

**N090/070 (-0)**  
Straight Through Reduction Connector with 500 Series Barbs, 5/8" (16.0 mm) and 3/8" (9.5 mm) ID Tubing

**N6100/670 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 3/8" (9.5 mm) ID Tubing

**N100/080 (-0 -6005)**  
Straight Through Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**N6100/680 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 3/4" (19 mm) and 1/2" (12.7 mm) ID Tubing

**N6110/680 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 1/2" (12.7 mm) ID Tubing

**N110/100 (-0)**  
Straight Through Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**N6110/6100 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**N6150/6110 (-6005)**  
Straight Through Reduction Connector with 600 Series Barbs, 1.5" (38.1 mm) and 1" (25.4 mm) ID Tubing


**Reference part shown: L070**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**L070 (-6005)**

Elbow Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

**L080 (-0 -6005)**

Elbow Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

**L090 (-0)**

Elbow Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

**L100 (-0 -6005)**

Elbow Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

**L110 (-0 -6005)**

Elbow Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

**L6110 (-6005)**

Elbow Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**CF494 (-6005)**

Low-profile Elbow Connector with Custom 600 Series Barbs, 1" (25.4 mm) ID Tubing


**Reference part shown: L070/055**

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**L070/055 (-0 -6005)**

Elbow Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**L080/070 (-0)**

Elbow Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**L100/080 (-0)**

Elbow Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**L110/100 (-0)**

Elbow Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**Need More Details?**

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

**Need Smaller Fittings?**

You can find tube fittings for up to 5/16" (8.0 mm) ID tubing in our selection of Tube Fittings beginning on [page 20](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).

**Technical Assistance**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.



**Reference part shown: T070**

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**T070 (-6005 -9)**

Tee Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

**T670 (-1 -6005)**

Tee Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

**T080 (-0 -6005)**

Tee Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

**T680 (-6005 -J2A)**

Tee Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

**T690 (-6005)**

Tee Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

**T100 (-6005)**

Tee Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

**T6100 (-6005)**

Tee Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

**T110 (-0)**

Tee Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

**T6110 (-6005)**

Tee Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

**T6150 (-6005)**

Tee Connector with 600 Series Barbs, 1.5" (38.1 mm) ID Tubing

**Need Smaller Fittings?**

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**Reference part shown: T070/055**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**T070/055 (-0 -6005 -9)**

Tee Reduction Connector with 500 Series Barbs, 3/8" (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**T080/055 (-0 -6005)**

Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**T080/070 (-6005)**

Tee Reduction Connector with 500 Series Barbs, 1/2" (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**T100/080 (-0 -6005 -9)**

Tee Reduction Connector with 500 Series Barbs, 3/4" (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**T110/100 (-0 -6005)**

Tee Reduction Connector with 500 Series Barbs, 1" (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**T670/655 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/4" (6.4 mm) ID Tubing

**T680/655 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 1/2" x 2 (12.7 mm) and 1/4" (6.4 mm) ID Tubing

**T680/670 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 1/2" x 2 (12.7 mm) and 3/8" (9.5 mm) ID Tubing

**T6100/670 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 3/8" (9.5 mm) ID Tubing

**T6100/680 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1/2" (12.7 mm) ID Tubing

**T6110/6100 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 1" x 2 (25.4 mm) and 3/4" (19.0 mm) ID Tubing

**T6150/6100 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 1.5" x 2 (38.1 mm) and 3/4" (19.0 mm) ID Tubing

**T6150/6110 (-6005)**

Tee Reduction Connector with 600 Series Barbs, 1.5" x 2 (38.1 mm) and 1" (25.4 mm) ID Tubing



### Reference part shown: Y070

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

#### Y070 (-6005)

Y Connector with 500 Series Barbs, 3/8" (9.5 mm) ID Tubing

#### Y670 (-6005 -9 -J2A)

Y Connector with 600 Series Barbs, 3/8" (9.5 mm) ID Tubing

#### Y080 (-0 -6005)

Y Connector with 500 Series Barbs, 1/2" (12.7 mm) ID Tubing

#### Y680 (-6005 -J2A)

Y Connector with 600 Series Barbs, 1/2" (12.7 mm) ID Tubing

#### Y090 (-0 -6005 -J2A)

Y Connector with 500 Series Barbs, 5/8" (16.0 mm) ID Tubing

#### Y690 (-6005)

Y Connector with 600 Series Barbs, 5/8" (16.0 mm) ID Tubing

#### Y100 (-0 -6005 -J2A)

Y Connector with 500 Series Barbs, 3/4" (19.0 mm) ID Tubing

#### Y6100 (-6005 )

Y Connector with 600 Series Barbs, 3/4" (19.0 mm) ID Tubing

#### Y110 (-6005 )

Y Connector with 500 Series Barbs, 1" (25.4 mm) ID Tubing

#### Y6110 (-6005 )

Y Connector with 600 Series Barbs, 1" (25.4 mm) ID Tubing

#### Y6150 (-6005 )

Y Connector with 600 Series Barbs, 1.5" (38.1 mm) ID Tubing



### Reference part shown: Y655/670

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

#### Y630/655 (-6005)

Y Reduction Connector with 600 Series Barbs, 1/8" x 2 (3.2 mm) and 1/4" (6.4 mm) ID Tubing

#### Y655/670 (-6005)

Y Reduction Connector with 600 Series Barbs, 1/4" x 2 (6.4 mm) and 3/8" (9.5 mm) ID Tubing

#### Y670/680 (-6005)

Y Reduction Connector with 600 Series Barbs, 3/8" x 2 (9.5 mm) and 1/2" (12.7 mm) ID Tubing

#### Y6100/6110 (-6005)

Y Reduction Connector with 600 Series Barbs, 3/4" x 2 (19.0 mm) and 1" (25.4 mm) ID Tubing

## Need Samples for Evaluation?

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837**

## Need Smaller Fittings?

You can find tube fittings for up to 5/16" (8.0 mm) ID tubing in our selection of Tube Fittings beginning on [page 20](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).



**Reference part shown: 4PX670**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**4PX655 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 1/4" (6.4 mm) ID Tubing

**4PX670 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 3/8" (9.5 mm) ID Tubing

**4PX680 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 1/2" (12.7 mm) ID Tubing

**4PX6100 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 3/4" (19.0 mm) ID Tubing

**4PX6110 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 1" (25.4 mm) ID Tubing

**Need Smaller Fittings?**

You can find tube fittings for up to 5/16" (8.0 mm) ID tubing in our selection of Tube Fittings beginning on [page 20](#) and online at [www.nordsonmedical.com](http://www.nordsonmedical.com).



**Reference part shown: 4PX670/655**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**4PX670/655 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 3/8" (9.5 mm) and 1/4" x 3 (6.4 mm) ID Tubing

**4PX680/670 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 1/2" (12.7 mm) and 3/8" x 3 (9.5 mm) ID Tubing

**4PX6110/6100 (-6005)**

Four-Port Cross Style Manifold with 600 Series Barbs for 1" (25.4 mm) and 3/4" x 3 (19.0 mm) ID Tubing

**LARGE TUBE FITTINGS:**  
Press-In Plugs



**Reference part shown: PIP080**

Due to size we are not able to display all large tube fittings. Please see [www.nordsonmedical.com](http://www.nordsonmedical.com) for part reference. Minimum package quantities vary by tube IDs, please verify minimum package sizes when placing orders.

**PIP070 (-6005)**

Press-In Plug with 500 Series Barb, 3/8" (9.5 mm) ID Tubing

**PIP670 (-6005)**

Press-In Plug with 600 Series Barb, 3/8" (9.5 mm) ID Tubing

**PIP080 (-6005)**

Press-In Plug with 500 Series Barb, 1/2" (12.7 mm) ID tubing

**PIP680 (-6005)**

Press-In Plug with 600 Series Barb, 1/2" (12.7 mm) ID Tubing

**PIP6100 (-6005)**

Press-In Plug with 600 Series Barb, 3/4" (19.0 mm) ID Tubing

**PIP6110 (-6005)**

Press-In Plug with 600 Series Barb, 1" (25.4 mm) ID Tubing

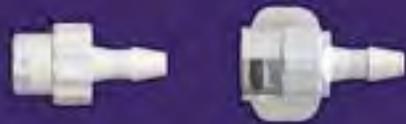
# BLOOD PRESSURE

## FITTINGS

BPF Series Female Bayonet Style Connectors  
**PG-100**



BPL Series 1/4 Turn Cuff Connectors  
**PG-100**



Bayonet Male Cuff Connectors  
**PG-101**



Dinamap® Monitor Adapters  
**PG-101**



Dinamap® Cuff Connectors  
**PG-101**



## BPF Series

### Blood Pressure Fittings

**BPF SERIES:**  
Female Bayonet Style Quick Connect

**BPF230 (-001) Black ABS Housing**

Bayonet-Style Female Quick Connect Fitting, 200 Series Barb,  
1/8" (3.2 mm) ID Tubing



works with...

**BPM013**  
**BPM240**  
**BPM025**  
**BPM035**

**BPF240 (-001) Black ABS Housing**

Bayonet-Style Female Quick Connect Fitting, 200 Series Barb,  
5/32" (4.0 mm) ID Tubing



works with...

**BPM013**  
**BPM240**  
**BPM025**  
**BPM035**

## BPL Series

### Blood Pressure Fittings

**BPL SERIES:**  
Cuff Connectors

**BPLF240 (-8012)**

Quarter-turn Female Blood Pressure Cuff Connector to 200 Series Barb,  
5/32" (4.0 mm) Tubing ID



**BPLM230 (-001) White ABS, White Acetal, Buna-N O-Ring**

Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb,  
1/8" (3.2 mm) Tubing ID



**BPLM240 (-001) White ABS, White Acetal, Buna-N O-Ring**

Quarter-turn Male Blood Pressure Cuff Connector to 200 Series Barb,  
5/32" (4.0 mm) Tubing ID



## BLOOD PRESSURE: Bayonet Male Cuff Connectors

### BPM013 (-1)

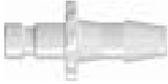
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 1/8" (3.2 mm) ID Tubing



COMPLIANT

### BPM240 (-1)

Blood Pressure Monitor Bayonet Connector to 200 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing



COMPLIANT

### BPM025 (-1)

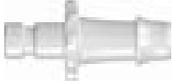
Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 5/32" (4.0 mm) ID Tubing



COMPLIANT

### BPM035 (-1)

Blood Pressure Monitor Bayonet Connector to 500 Series Barb, 80369-5 Compliant, 3/16" (4.8 mm) ID Tubing



COMPLIANT

### BPMB230 (-1)

Blood Pressure Monitor Bayonet Panel Mount Connector to 200 Series Barb, 80369-5 Compliant, 1/4-28 UNF Thread, 1/8" (3.2 mm) ID Tubing



COMPLIANT

## BLOOD PRESSURE: Panel Mount Nuts

### PMSN (-XO)

Panel Mount Nut 1/4-28 UNF with 7/16" Hex (For use with BPMB230)



## BLOOD PRESSURE: Dinamap® Monitor Adapters

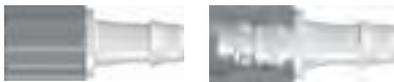
### BPA025 (-001) Black Nylon over White Nylon

Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 5/32" (4.0 mm) ID Tubing



### BPA035 (-001) Black Nylon over White Nylon

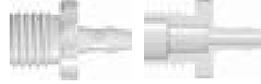
Blood Pressure Adapter with Internal 5/16-24 UNF Thread and O-Ring to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



## BLOOD PRESSURE: Dinamap® Cuff Connectors

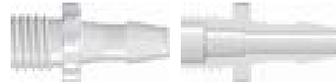
### BPCL220 (-81)

Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Taper to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



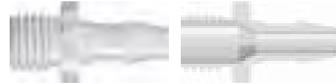
### BPCL240 (-10)

Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



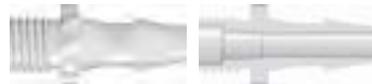
### BPC240 (-10)

Blood Pressure Adapter with 5/16-24 UNF Thread to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



### BPCL250 (-81)

Blood Pressure Adapter with 5/16-24 UNF Thread and 6% Internal Taper to 200 Series Barb, 3/16" (4.8 mm) ID Tubing



### CF229 (-1)

Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb, 3/32" (2.4 mm) ID Tubing



### CF230 (-1)

Neonatal Blood Pressure Slip Fit (non luer) with 200 Series Barb, 5/32" (4.0 mm) ID Tubing



## Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

# THREADED

## FITTINGS

10-32 UNF Special Tapered Thread **PG-103** **PG-106** 1/4-28 UNF



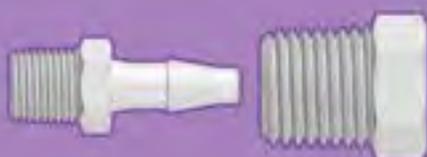
1/4-28 UNF Bottom Sealing **PG-107** Metric - M6x1 **PG-108**



Metric - M5x.8 **PG-108** 1/16-27 NPT **PG-109**



1/8-27 NPT **PG-110** 1/8-27 NPT Reducers **PG-111**



### The X Thread

Nordson MEDICAL X Series components have a tapered 10-32 thread that functions like a pipe thread. In comparison to standard 10-32 UNF threaded fittings, the tapered design works better with oversized ports and ports which are not perpendicular to the face of the component.

The 120 degree chamfer under the hex provides a seal when the fitting is tightened into a port with a countersink as shown below. It also seals on the thread due to interference on the pitch diameter. When using an elbow or tee, the tapered thread tightens radially and facilitates directional alignment of the barb.

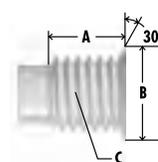
### Other Thread Series

K, B, C and D Series fittings, designed for use with 10-32 UNF ports, are straight-threaded components. These fittings seal against the 120 degree chamfer under the hex on the fitting and do not tighten radially as they are assembled. S Series fittings are straight threaded components for 1/4-28 UNF ports, M5 Series are for M5 x .8 ports and M6 Series are for M6 x 1 ports.

Part numbers for fittings with pipe threads are noted below. Those for use with 1/16-27 NPT ports have part numbers prefixed with 16; those for 1/8-27 NPT ports have part numbers prefixed with 18; and those for 1/4-18 NPT ports have part numbers prefixed with 14.

The features shown below must be incorporated into the port when using our B, C, D, X, K, S, M5 and M6 Series fittings. Failure to do so will jeopardize the performance of the seal between the fitting and port. For applications in which this seal is highly critical, we recommend that you contact a sealant specialist.

When working with threaded parts, Nordson MEDICAL strongly recommends that you test sample parts in your application.



Nordson MEDICAL's Thread Series	Dimension A Thread Length	Clearance Needed to Achieve Chamfer Seal	Dimension B Countersink Diameter	Feature C Internal Screw Thread Series
X	.200"	.250"	.210"-.230"	10-32 UNF 2B
K, B, C, D	.156"	.200"	.210"-.230"	10-32 UNF 2B
S	.204"	.250"	.270"-.290"	1/4-28 UNF 2B
M5	.192"	.250"	.210"-.230"	M5 X .8
M6	.235"	.375"	.270"-.290"	M6 X 1

## THREAD: 10-32 UNF, Special Tapered Thread

### X10 (-2)

10-32 Special Tapered Thread with 1/4" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing



### K210 (-1 -3 -5 -J2A)

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



### X210 (-1 -3 -6005 -J2A)

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



### K410 (-1 -2)

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing



### X410 (-6005)

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing



### D (-3 -4 -5)

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing



### K220 (-6012)

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



### X220 (-1 -6005)

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



### K420 (-1 -6005)

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing



### X420 (-1 -2 -6005)

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing



### B (-3 -4 -5 -6005)

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing



### C (-3 -4 -5)

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, Short Neck, 1/8" (3.2 mm) ID Tubing



### K230 (-1)

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



### X230 (-1 -2 -6012)

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



### K430 (-1 -2)

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing



### X430 (-1 -3 -6005)

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing



### K240 (-2 -6005)

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



### X240 (-2)

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



### K445 (-6005)

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing



### X445 (-2 -6005)

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing



## THREAD: 10-32 UNF, Special Tapered Thread Elbow

### KL210 (-1 -6005)

10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,  
1/16" (1.6 mm) ID Tubing



### XL210 (-1 -6005)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,  
1/16" (1.6 mm) ID Tubing



### KL410 (-1 -2 -6005)

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,  
1/16" (1.6 mm) ID Tubing



### XL410 (-1 -6005)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb,  
1/16" (1.6 mm) ID Tubing



### XL220 (-2 -6012)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,  
3/32" (2.4 mm) ID Tubing



### KL420 (-1 -2 -6005)

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,  
3/32" (2.4 mm) ID Tubing



### XL420 (-6005)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb,  
3/32" (2.4 mm) ID Tubing



### KL230 (-1)

10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb,  
1/8" (3.2 mm) ID Tubing



### XL230 (-1 -2)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb,  
1/8" (3.2 mm) ID Tubing



### KL430 (-1 -6005)

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb,  
1/8" (3.2 mm) ID Tubing



## Custom Assembly

We produce standard components to fit your current assemblies and devices, but we also provide custom solutions by applying a variety of assembly options, such as joining fittings, connectors, filters, and other components to tubing. From systems using a single fitting to complex configurations utilizing various components, we can design complete assemblies to your requirements.

**THREAD:**  
10-32 UNF, Special Tapered Thread Tee

**KT210 (-6005)**

10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,  
1/16" (1.6 mm) ID Tubing



**KT420 (-1 -2 -6005)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,  
3/32" (2.4 mm) ID Tubing



**XT210 (-J2A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb,  
1/16" (1.6 mm) ID Tubing



**XT420 (-1 -2 -6005)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,  
3/32" (2.4 mm) ID Tubing



**KT410 (-1 -2 -6005)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,  
1/16" (1.6 mm) ID Tubing



**KT230 (-6005)**

10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,  
1/8" (3.2 mm) ID Tubing



**XT410 (-1 -2 -6005)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,  
1/16" (1.6 mm) ID Tubing



**KT430 (-1 -2 -6005)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb,  
1/8" (3.2 mm) ID Tubing



**KT220 (-2 -6005)**

10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb,  
3/32" (2.4 mm) ID Tubing



**XT430 (-1 -6005)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb,  
1/8" (3.2 mm) ID Tubing



**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.

[www.nordsonmedical.com](http://www.nordsonmedical.com)

**THREAD:**  
 10-32 UNF, Special Tapered Thread Couplers and Plugs

**KN (-2)**

10-32 UNF Thread Coupler with 1/4" Hex


**XN (-2 -6005)**

10-32 Special Tapered Thread Coupler with 1/4" Hex


**KP (-6012)**

10-32 UNF Thread Plug with 1/4" Hex


**THREAD:**  
 1/4-28 UNF

**S10 (-2)**

 1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb,  
 1/16" (1.6 mm) ID Tubing

**S410 (-1 -2 -6005)**

 1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb,  
 1/16" (1.6 mm) ID Tubing

**S20 (-2)**

 1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb,  
 3/32" (2.4 mm) ID Tubing

**S220 (-2 -6005)**

 1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb,  
 3/32" (2.4 mm) ID Tubing

**S420 (-1 -2 -J2A)**

 1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb,  
 3/32" (2.4 mm) ID Tubing

**S230 (-1 -2 -6005)**

 1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb,  
 1/8" (3.2 mm) ID Tubing


## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com) describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



**THREAD:**  
1/4-28 UNF**S430 (-2)**1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb,  
1/8" (3.2 mm) ID Tubing**S40 (-6005)**1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb,  
5/32" (4.0 mm) ID Tubing**S240 (-6005)**1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb,  
5/32" (4.0 mm) ID Tubing**S445 (-2)**1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb,  
.170" (4.3 mm) ID Tubing**S50 (-1)**1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb,  
3/16" (4.8 mm) ID Tubing**S250 (-J2A)**1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb,  
3/16" (4.8 mm) ID Tubing**S450 (-2)**1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb,  
3/16" (4.8 mm) ID Tubing**SP (-1 -6005)**

1/4-28 UNF Thread Plug with 5/16" Hex

**THREAD:**  
1/4-28 UNF Bottom Sealing**ABR004-6005 UNDER (-1)**1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to  
500 Series Barb, 1/16" (1.6 mm) ID TubingRecommended torque:  
Polypropylene - 1.5-2 in. lbs.  
Kynar® - 2-4 in. lbs.**ABR004-J2A UNDER (-1 -2 -3 -4 -J2A)**1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to  
500 Series Barb, 1/16" (1.6 mm) ID TubingRecommended torque:  
Polypropylene - 1.5-2 in. lbs.  
Kynar® - 2-4 in. lbs.**ABR007-6005 UNDER (-1 -2 -4)**1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to  
500 Series Barb, 3/32" (2.4 mm) ID TubingRecommended torque:  
Polypropylene - 1.5-2 in. lbs.  
Kynar® - 2-4 in. lbs.**ABR013-6005 UNDER (-1 -4 -6012)**1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to  
500 Series Barb, 1/8" (3.2 mm) ID TubingRecommended torque:  
Polypropylene - 1.5-2 in. lbs.  
Kynar® - 2-4 in. lbs.**ABR013-J2A UNDER (-1 -4 -J2A)**1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to  
500 Series Barb, 1/8" (3.2 mm) ID TubingRecommended torque:  
Polypropylene - 1.5-2 in. lbs.  
Kynar® - 2-4 in. lbs.

**THREAD:**  
M6x1**M6210 (-2 -6005)**

M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**M6410 (-1 -2 -6005)**

M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**M6220 (-2 -6005)**

M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**M6420 (-1 -2 -6005)**

M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**M6230 (-1 -2 -6005)**

M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**M6430 (-6005)**

M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**M6240 (-2)**

M6x1 Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**M6445 (-1 -6005)**

M6x1 Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

**THREAD:**  
M6x1**M6250 (-1 -2 -6005)**

M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

**M6450 (-1 -2 -6005)**

M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing

**THREAD:**  
M5x.8**M5210 (-1)**

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**M5220 (-1)**

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**M5230 (-1)**

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**M5240 (-2)**

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**Need Samples for Evaluation?**

You can call to request most of our standard product in quantities of 5, or less, for free application evaluation.

**+1 (970) 267-5200 Toll Free: (888) 404-5837****Need it Fast?**

You can order our parts online now with no order \$ minimums, 24 hours a day, 7 days a week!

**[www.nordsonmedical.com](http://www.nordsonmedical.com)**

**THREAD:**  
 1/16-27 NPT

**1610 (-6005)**

 1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,  
 1/16" (1.6 mm) ID Tubing

**16210 (-1)**

 1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,  
 1/16" (1.6 mm) ID Tubing

**16410 (-1 -2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,  
 1/16" (1.6 mm) ID Tubing

**1620 (-1 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,  
 3/32" (2.4 mm) ID Tubing

**16220 (-1 -2)**

 1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,  
 3/32" (2.4 mm) ID Tubing

**16420 (-1 -2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,  
 3/32" (2.4 mm) ID Tubing

**1630 (-1 -2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,  
 1/8" (3.2 mm) ID Tubing

**16230 (-6005 -J2A)**

 1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,  
 1/8" (3.2 mm) ID Tubing

**16430 (-1 -2)**

 1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,  
 1/8" (3.2 mm) ID Tubing

**1640 (-1 -2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,  
 5/32" (4.0 mm) ID Tubing

**16240 (-2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,  
 5/32" (4.0 mm) ID Tubing

**16445 (-6005)**

 1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,  
 .170" (4.3 mm) ID Tubing

**1650 (-2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb,  
 3/16" (4.8 mm) ID Tubing

**16250 (-2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb,  
 3/16" (4.8 mm) ID Tubing

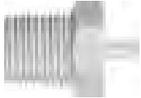
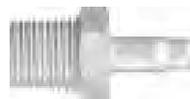
**16450 (-1 -2 -6005)**

 1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb,  
 3/16" (4.8 mm) ID Tubing

**1600 (-2)**

1/16-27 NPT Thread Plug with 5/16" Hex



**THREAD:**  
1/8-27 NPT**18210 (-1 -J2A)**1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,  
1/16" (1.6 mm) ID Tubing**18230 (-1 -6005 -J2A)**1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,  
1/8" (3.2 mm) ID Tubing**18410 (-1 -2 -6005)**1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,  
1/16" (1.6 mm) ID Tubing**18430 (-2)**1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,  
1/8" (3.2 mm) ID Tubing**1820 (-2)**1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,  
3/32" (2.4 mm) ID Tubing**1840 (-2)**1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,  
5/32" (4.0 mm) ID Tubing**18220 (-1)**1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,  
3/32" (2.4 mm) ID Tubing**18240 (-6005)**1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb,  
5/32" (4.0 mm) ID Tubing**18420 (-1 -6005)**1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,  
3/32" (2.4 mm) ID Tubing**18445 (-1 -2)**1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb,  
.170" (4.3 mm) ID Tubing**1830 (-1)**1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,  
1/8" (3.2 mm) ID Tubing**1850 (-1 -6005)**1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,  
3/16" (4.8 mm) ID Tubing**1860 (-1 -6005 -6012)**1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb,  
1/4" (6.4 mm) ID Tubing

**THREAD:**  
1/8-27 NPT Elbows

**18L230 (-1 -2 -6005 -J2A)**

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb,  
1/8" (3.2 mm) ID Tubing



**18L250 (-1 -6005)**

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb,  
3/16" (4.8 mm) ID Tubing



**18L260 (-1 -2 -6005)**

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb,  
1/4" (6.4 mm) ID Tubing



**THREAD:**  
1/8-27 NPT Tees

**18T260 (-1 -2)**

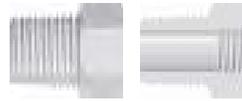
1/8-27 NPT Thread Tee with 7/16" Hex to 200 Series Barb,  
1/4" (6.4 mm) ID Tubing



**THREAD:**  
1/8-27 NPT Reducers

**1802 (-2 -6005)**

Reducer with 1/8-27 NPT Male Thread and 7/16" Hex to  
1/4-28 UNF Female Thread



**Need More Details?**

Part drawings, minimum order quantities, and CAD requests can be found online. Visit [www.nordsonmedical.com](http://www.nordsonmedical.com) or contact Sales at [Orders@nordsonmedical.com](mailto:Orders@nordsonmedical.com).

# BUILD-A-PART

## FITTINGS

### Junction Blocks

**PG-113**



### Accessories

**PG-114**



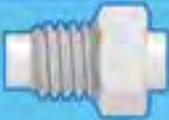
### Barbs

**PG-114**



### Threads

**PG-115**



### Bonding Suggestions

Prior to actually bonding, press together a model of the manifold to use as a reference.

Do not mix plastic resins. Consult your adhesive specialist if you need to bond dissimilar materials.

These components are designed for bonding with any one of a number of solvents, but other adhesive systems may be used. When solvent bonding, use a very small gauge needle (typically 27 or 30) for best solvent control. Consult your adhesive specialist for guidance on other systems.

Apply solvent sparingly. Most solvents are low viscosity and readily wick into the bondline. Excessive solvent may compromise the aesthetics and the function of the assembly.

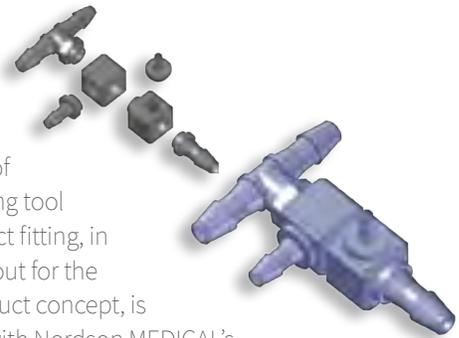
Press the mating components together leaving a .01-.03" gap between them for the solvent. Place the components in an orientation such that they may be rotated ¼ turn to their final position after applying the solvent.

After applying solvent, wait a few seconds, then rotate the components to their final position. When making a long manifold with bondable junction blocks it may be helpful to push the assembly against a flat surface to align the blocks before the solvent has set.

### Affordable Unique Solutions:

Design Your New Component with Build-a-Part® Bondable Components!

Component designers no longer need to be constrained by the limitations of injection molding tool design. The exact fitting, in the optimal layout for the process or product concept, is now available with Nordson MEDICAL's line of Build-a-Part® bondable components, designed for use with gases or liquids.



The Build-a-Part® system is based on combining interchangeable components, joining junction blocks and luers, hose barbs or threaded features to create the desired configuration. The features are bonded to the junction blocks using commonly available adhesives. Junction blocks and features may be bonded together to create multi-port, multi-axis products that receive and redirect fluid flow in whatever direction the designer desires. The only limitation is the designer's imagination.

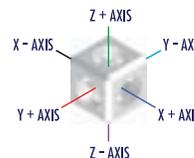
Several component options are available from stock in two primary materials. Options include ISO 594-1 compliant male and female luers and hose barbs in 1/16" (1.6 mm), 3/32" (2.4 mm) and 1/8" (3.2 mm) in straight, elbow and branch tee configurations. Also available are male threads including 10-32 UNF, 1/16-27 NPT, 1/8-27 NPT, 1/4-28 UNF and M6x1 versions, and mounting devices.

The complete range is available in two primary resins: white ABS or translucent polysulfone. For ease of testing concepts, Nordson MEDICAL offers designer kits in both resins. Each kit contains hundreds of components for prototype purposes, enabling designs to be created and modified prior to production commitment.

BLOCK	NUMBER	MATERIAL
Build-A-Part® Junction Blocks. See Configuration Table for specifications.		
	BDJ05-40	Polysulfone
	BDJ06-40	Polysulfone
	BDJ07-40 BDJ07-81	Polysulfone Lace White ABS
	BDJ08-40 BDJ08-81	Polysulfone Lace White ABS
	BDJ09-40	Polysulfone
	BDJ10-40 BDJ10-81	Polysulfone Lace White ABS
	BDJ11-40	Polysulfone
	BDJ13-40	Polysulfone
	BDJ14-40*	Polysulfone
	BDJ15-40*	Polysulfone

\*Check valve junction block. For use with RB01 and SB01

BLOCK	NUMBER	MATERIAL
Build-A-Part® Junction Blocks with Mounting Port. See Configuration Table for specifications.		
	BDJ16-81*	Lace White ABS
	BDJ17-40* BDJ17-81*	Polysulfone Lace White ABS
	BDJ18-40 BDJ18-81	Polysulfone Lace White ABS
	BDJ19-40 BDJ19-81	Polysulfone Lace White ABS
	BDJ20-40 BDJ20-81	Polysulfone Lace White ABS
	BDJ21-40 BDJ21-81	Polysulfone Lace White ABS
	BDJ22-40	Polysulfone



Build-A-Part® Junction Block Configuration Table

BLOCK	X+ AXIS	X- AXIS	Y+ AXIS	Y- AXIS	Z+ AXIS	Z- AXIS
<b>BDJ05</b>	Female		Female		Female	
<b>BDJ06</b>	Female		Female		Female	Female
<b>BDJ07</b>	Female	Female	Female	Female	Female	
<b>BDJ08</b>	Female	Female	Female	Female	Female	Female
<b>BDJ09</b>	Male	Female	Female		Female	Female
<b>BDJ10</b>	Male	Female	Female	Female	Female	Female
<b>BDJ11</b>	Male	Female	Female	Female		
<b>BDJ13</b>	Male	Female	Female		Female	
<b>BDJ14</b>	Male	Female				
<b>BDJ15</b>	Female	Female				
<b>BDJ16</b>	Female	Female		Female <sup>a</sup>		
<b>BDJ17</b>	Male	Female	Female <sup>a</sup>			
<b>BDJ18</b>	Male <sup>b</sup>	Female	Female		Female	Female
<b>BDJ19</b>	Male <sup>b</sup>	Female	Female	Female	Female	Female
<b>BDJ20</b>	Male <sup>b</sup>	Female	Female	Female		
<b>BDJ21</b>	Male <sup>b</sup>	Female	Female			
<b>BDJ22</b>	Male <sup>b</sup>	Female	Female		Female	

<sup>a</sup>For non-flow manifolding <sup>b</sup>For use with BDMD

**BUILD-A-PART®:**  
 Accessories, Barbs and Elbows

**RB01 (-X2) SB01 (-X0)**

Check Valve Ball 5/32" Diameter


**BDMFTLL (-9)**

Bondable Female Luer Thread Style


**RMLLR (-5 -07 -6005 -9 -9002)**

Rotating Male Luer Lock Ring (For use with BDMMTL)


**BDMR210 (-81)**

Bondable 200 Series Barb, 1/16" (1.6 mm) ID Tubing


**BDMR220 (-81)**

Bondable 200 Series Barb, 3/32" (2.4 mm) ID Tubing


**BDMR230 (-81)**

Bondable 200 Series Barb, 1/8" (3.2 mm) ID Tubing


**BDMR240 (-6005)**

Bondable 200 Series Barb, 5/32" (4.0 mm) ID Tubing


**BDMR445 (-81)**

Bondable 400 Series Barb, .170" (4.3 mm) ID Tubing


**BDML220 (-9)**

Bondable Elbow 200 Series Barb, 3/32" (2.4 mm) ID Tubing


**BDML420 (-40)**

Bondable Elbow 400 Series Barb, 3/32" (2.4 mm) ID Tubing


**BUILD-A-PART®:**  
 Tees

**BDMT210 (-40)**

Bondable Tee 200 Series Barb, 1/16" (1.6 mm) ID Tubing


**BDMT410 (-40)**

Bondable Tee 400 Series Barb, 1/16" (1.6 mm) ID Tubing


**BDMT220 (-40)**

Bondable Tee 200 Series Barb, 3/32" (2.4 mm) ID Tubing


**BDMT420 (-40)**

Bondable Tee 400 Series Barb, 3/32" (2.4 mm) ID Tubing


**BDMT230 (-81)**

Bondable Tee 200 Series Barb, 1/8" (3.2 mm) ID Tubing


**BDMT430 (-40)**

Bondable Tee 400 Series Barb, 1/8" (3.2 mm) ID Tubing


**Did You Know?**

Nordson MEDICAL has an interactive PDF available online at [www.nordsonmedical.com](http://www.nordsonmedical.com). Access part drawings, reference charts, data sheets, and more from just one location!

## BUILD-A-PART®: Threads

### **BDMK (-40 -81)**

Bondable 10-32 UNF Thread with 1/4" Hex



### **BDMX (-40)**

Bondable 10-32 Special Tapered Thread with 1/4" Hex



### **BDMM6 (-40 -81)**

Bondable M6x1 Thread with 5/16" Hex



### **BDM16 (-40 -81)**

Bondable 1/16-27 NPT Thread with 5/16" Hex



### **BDM18 (-40)**

Bondable 1/8-27 NPT Thread with 7/16" Hex



### **BDF16 (-40 -81)**

Bondable 1/16-27 NPT Thread with 5/16" Hex



### **BDF18 (-40 -81)**

Bondable 1/8-27 NPT Thread with 7/16" Hex



### **BDFM6 (-40 -81)**

Bondable M6x1 Thread with 5/16" Hex



### **BDFS (-40 -81)**

Bondable 1/4-28 UNF Thread with 5/16" Hex



## Technical Assistance

Trying to choose the correct part? Need more material information than is published in this catalog? Call Nordson MEDICAL Technical Support **(970) 267-5200**.

## Looking for Something Different?

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your needs.

If there's a new product you think Nordson MEDICAL should make, please send us an Email at **Orders@nordsonmedical.com** describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows - the next catalog edition could include products YOU told us to build.

See page 8-9 for more information on custom engineered solutions!



# TUBING

MEDICAL GRADE



LLDP Tubing  
**PG-116**

TPE Tubing  
**PG-116**



Platinum-Cured Silicone Tubing **PG-117** Pump Grade Platinum-Cured Silicone Tubing **PG-117**



Polyurethane Tubing **PG-117** Anti-Microbial PVC Tubing **PG-117**



## TUBING: Linear Low Density Polyethylene

**92 Durometer:** This tubing has excellent mechanical and chemical resistance properties. Please use caution if your application involves possible bending or kinking the tubing. It is a semi-rigid material and will be permanently deformed if kinked or bent too tight.

**Resin Grade & Technical Information:** This tubing is extruded from Equistar® LLDPE, which is in compliance with all U.S. Food & Drug Administration regulations for food grade use under Title 21 CFR. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Autoclaving is not recommended.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/10" X 1000'	LLDPE02-1019M
3/32" X 5/32" X 1000'	LLDPE02-2031M
1/8" X 3/16" X 1000'	LLDPE02-3031M

## TUBING: Thermoplastic Elastomer (TPE)

**65 Shore A:** Our Biopharmaceutical-grade TPE tubing is sterile weldable, heat sealable, moldable, and offers excellent life in peristaltic pumps. It is ideal for use in single-use processes for sampling, filling, and storage tubing set assemblies.

**Resin Grade & Technical Information:** This tubing is made from FDA-approved ingredients, certified free of silicone oils and animal derived ingredients, and is sterilizable by autoclave or gamma irradiation. It meets various ISO and USP standards, including Class VI, as well as European Pharmacopoeia 3.2.2.1. It also offers excellent low absorption and permeability as compared to silicone tubing.

DIMENSION (ID X OD X LGTH)	NUMBER
3/4" X 1" X 50'	AF7500753

**TUBING:**  
Platinum-Cured Silicone

**50 Shore A:** Extruded from a low-volatile grade, platinum-cured compound, this tubing is ideal for critical applications in pharmaceutical, biotech, medical, food, and beverage industries.

**Resin Grade & Technical Information:** This tubing is extruded and packaged in a Class 7 (Class 10,000) ISO-certified clean room. It has undergone extensive physical, chemical, and biological testing and meets USP Class VI, FDA CFR 177.2600, ISO 10993, European Pharmacopoeia 3.1.9, and 3-A standards. It is certified free of animal-derived ingredients and is certified by the National Sanitation Foundation for use in food equipment materials (NSF-51). It offers a temperature range use of -100° F (-73.3° C) to 400° F (204.4° C) and is sterilizable by autoclave or gamma irradiation.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 3/16" X 500'	SILC7001422
1/8" X 1/4" X 50'	SILC7001657
5/32" X 9/32" X 100'	SILC7001839

**TUBING:**  
Pump Grade Platinum-Cured Silicone

DIMENSION (ID X OD X LGTH)	NUMBER
1/4" X 7/16" X 300'	SILPG7021041
3/16" X 3/8" X 250'	SILPG7021042
1/8" X 1/4" X 500'	SILPG7021043
1/16" X 3/16" X 500'	SILPG7021044

**Part Drawings Online!**

Nordson MEDICAL provides dimensional drawings available for download for all of its fittings.  
[www.nordsonmedical.com](http://www.nordsonmedical.com)

**TUBING:**  
Polyurethane

**80 Durometer:** This tubing is extremely kink resistant and highly resistant to abrasion and scuffing. It is widely accepted as a premium material for medical device use because of its flexible nature and easy sterilizability.

**Resin Grade & Technical Information:** This tubing is extruded from Lubrizol's® compound Pellethane PUR80A-MED, which has passed USP Class VI testing. It can be sterilized by gamma radiation or Ethylene Oxide (EtO) gas. Please do not autoclave this tubing, as it may alter the chemical nature of the resin.

DIMENSION (ID X OD X LGTH)	NUMBER
1/16" X 1/8" X 100'	UR00-1031C
1/16" X 1/8" X 1000'	UR00-1031M
3/32" X 3/16" X 100'	UR00-2047C
3/32" X 3/16" X 1000'	UR00-2047M
1/8" X 1/4" X 100'	UR00-3062C
1/8" X 1/4" X 1000'	UR00-3062M

**TUBING:**  
Anti-Microbial Polyvinyl Chloride (PVC)

**Ag-47 Clear Anti-Microbial:** CLEARFLO Ag-47 is suitable for a wide variety of food contact applications and designed to protect your food or beverage product from harmful bacteria. It's manufactured from a clear flexible Shore A74 PVC compound with the addition of antimicrobial protection. The antimicrobial technology is especially effective where there is infrequent use of fluids in warm conditions.

**Resin Grade & Technical Information:** CLEARFLO Ag-47 offers antibacterial performance to ISO 22196:2011. Unlike some products CLEARFLO Ag-47 is 100% protected with the effective additive Silver-Magnesium-Aluminum-Phosphorus Complex. This is present throughout the tube and not only on the interior, offering you protection on all surfaces. The active ingredients in CLEARFLO Ag-47 will have no detrimental effect on yeasts used for brewing and will have no negative impact on the taste or flavor of products passed through it.

DIMENSION (ID X OD X LGTH)	NUMBER
3/16" X 5/16" X 100'	PVCA1190035
3/16" X 7/16" X 100'	PVCA1190049
1/4" X 1/2" X 100'	PVCA1190126
5/16" X 7/16" X 100'	PVCA1190189
5/16" X 9/16" X 100'	PVCA1190203
3/8" X 5/8" X 100'	PVCA1190280
1/2" X 3/4" X 100'	PVCA1190357

# OTHER

## COMPONENTS



Tapered Seal  
**PG-118**



Clamps  
**PG-119**



Injection Sites  
**PG-119**



Spikes  
**PG-119**



## TSC Series

### Tapered Seal

With TSC Series conical seal fittings, Nordson MEDICAL expands its range of products for small-bore connector applications in medical devices. TSC Series products offer the reliability, convenience and ease of use of luer fittings in a design that cannot be interconnected with conventional luers and avoid tubing misconnections. These luer alternatives are available in sizes to fit 1/8" (3.2 mm) and 3/16" (4.8 mm) ID flexible tubing.

#### Features & Benefits:

- Ergonomic grip
- Conical (tapered) seal
- 15% higher flow capacity than conventional luers
- Polypropylene resin
- Cannot interconnect with conventional luers taper fittings
- 500 Series single barbs

#### SMALL BORE CONNECTORS: Male

##### TSC2M210 (-6005)

Male Taper Seal Non-Luer Connector to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



#### SMALL BORE CONNECTORS: Female

##### TSC2F210 (-6005)

Female Taper Seal Non-Luer Connector to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



##### TSC2FB230 (-6005)

Female Taper Seal Non-Luer with 1/4-28 UNF Panel Mount to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



## SMALL BORE CONNECTORS: Plugs and Caps

### TSC2MP (-6005) 1,000 piece minimum

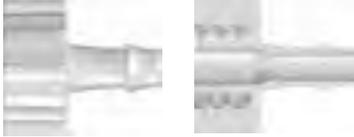
Male Taper Seal Non-Luer Plug with Tether Recess



## LARGE BORE CONNECTORS: Male

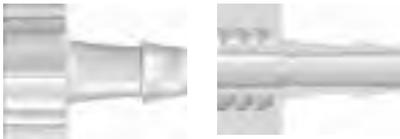
### MLB035 (-1 -8012)

Male Large Bore Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



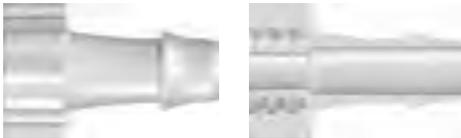
### MLB055 (-1 -8012 -9)

Male Large Bore Non-Luer Connector to 500 Series Barb, 1/4" (6.4 mm) ID Tubing



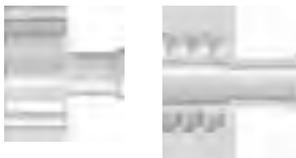
### MLB065 (-8012)

Male Large Bore Non-Luer Connector to 500 Series Barb, 5/16" (8.0 mm) ID Tubing



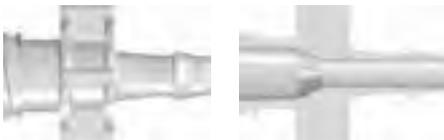
### MLBC8 (-9002)

Male Large Bore Non-Luer Connector with Integral Lock Ring to Female Thread-Style Locking Luer



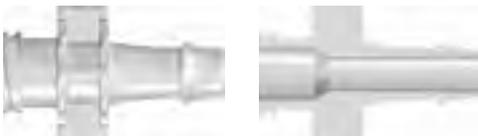
### FLB035 (-1)

Female Large Bore Non-Luer Connector to 500 Series Barb, 3/16" (4.8 mm) ID Tubing



### FLB055 (-1 -2 -8012)

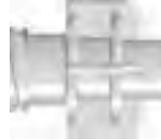
Female Large Bore Non-Luer Connector to 500 Series Barb, 1/4" (6.4 mm) ID Tubing



## LARGE BORE CONNECTORS: Plugs and Caps

### FLBP (-1 -9)

Female Large Bore Non-Luer Cap



### MLBP (-1 -2 -9 -9002)

Male Large Bore Non-Luer Plug



## OTHER COMPONENTS: Components

### VPM2930601N (White ABS)

Tube Clamp with Split, 1/8" (3.2 mm) OD Tubing



### VPS3901074N (Polyisoprene with ABA Acrylic Body)

IN-4000 Intermittent Injection Site to Male Luer Lock



### VPM1060200N (Clear Low Density Polyethylene)

Long Spike Guard Closed at Tip



### VPM1080303N (Blue Polyethylene)

Male Luer Integral Lock Ring Plug



### VPS5069200N (White ABS Spike with Clear LDPE Guard)

Bag Spike with Vented Guard (Replaces VPS5069700N)



# TECHNICAL

## INFORMATION



### Barb Dimensions PG-120

### Barb Performance PG-122



### Quick Connect Performance PG-123

### BPF Series Performance PG-127



### Panel Mount Instructions PG-127

### Resin Information PG-128



### Trademarks PG-131

### Index PG-132



### TECHNICAL: Barb Dimensions

The **CLASSIC SERIES** is characterized by a longer barb that extends the sealing surface of the fitting. Tubing is expanded from 42% to 69% above its nominal ID.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
10	0.105	0.046	0.063	1/16"	1.6 mm
20	0.145	0.060	0.094	3/32"	2.4 mm
30	0.187	0.078	0.125	1/8"	3.2 mm
40	0.234	0.100	0.156	5/32"	4.0 mm
50	0.280	0.130	0.188	3/16"	4.8 mm
60	0.355	0.187	0.250	1/4"	6.4 mm

The **200 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 50% above its nominal ID, permitting high-pressure capabilities.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
210	0.094	0.047	0.063	1/16"	1.6 mm
220	0.141	0.070	0.094	3/32"	2.4 mm
230	0.188	0.094	0.125	1/8"	3.2 mm
240	0.234	0.117	0.156	5/32"	4.0 mm
250	0.282	0.141	0.188	3/16"	4.8 mm
260	0.375	0.188	0.250	1/4"	6.4 mm

The **300 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded by 35% above its nominal ID, permitting high-pressure capabilities in the larger tube sizes.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
360	0.338	0.192	0.250	1/4"	6.4 mm

\*Variations of barb IDs may exist. Please visit [www.nordsonmedical.com](http://www.nordsonmedical.com) to learn more about these alternatives. The data presented here is for reference only. It was compiled to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Nordson MEDICAL or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Nordson MEDICAL.

The **400 SERIES** provides easy assembly while maintaining excellent pressure and tensile capabilities. Originally created for semi-rigid tubing, this series is preferred for applications where tensile/pressure properties are not highly critical, or when ease of assembly is desired. The 400 Series expands the tubing 25% above its nominal ID.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
410	0.078	0.046	0.063	1/16"	1.6 mm
420	0.117	0.068	0.094	3/32"	2.4 mm
430	0.156	0.092	0.125	1/8"	3.2 mm
440	0.206	0.125	0.156	5/32"	4.0 mm
445	0.213	0.125	0.170	-	4.3 mm
450	0.234	0.137	0.188	3/16"	4.8 mm
460	0.313	0.184	0.250	1/4"	6.4 mm

The **500 SERIES** profile is composed of blended radii, giving it the distinct look. Each barb is designed to accommodate a range of tube sizes and tube types. Consideration should be given to flow restriction, pressure capability, and the force required for assembly of the tube.



Barb Size	Barb OD	Barb ID*	Tube Internal Diameter		
			Dec.	Frac.	Metric
004	0.102	0.060	0.063	1/16"	1.6 mm
007	0.129	0.076	0.094	3/32"	2.4 mm
013	0.164	0.096	0.125	1/8"	3.2 mm
025	0.208	0.122	0.156	5/32"	4.0 mm
035	0.264	0.155	0.188	3/16"	4.8 mm
055	0.335	0.197	0.250	1/4"	6.4 mm
065	0.425	0.250	0.312	5/16"	8.0 mm
N070	0.483	0.262	0.375	3/8"	9.5 mm
L070	0.483	0.251	0.375	3/8"	9.5 mm
T070	0.483	0.290	0.375	3/8"	9.5 mm
Y070	0.483	0.290	0.375	3/8"	9.5 mm
N080	0.613	0.333	0.500	1/2"	12.7 mm
L080	0.613	0.319	0.500	1/2"	12.7 mm
T080	0.613	0.356	0.500	1/2"	12.7 mm
Y080	0.613	0.362	0.500	1/2"	12.7 mm
N090	0.718	0.390	0.625	5/8"	16.0 mm
L090	0.718	0.374	0.625	5/8"	16.0 mm
T090	0.718	0.374	0.625	5/8"	16.0 mm
Y090	0.718	0.390	0.625	5/8"	16.0 mm
N100	0.853	0.465	0.750	3/4"	19.0 mm
L100	0.853	0.443	0.750	3/4"	19.0 mm
T100	0.853	0.447	0.750	3/4"	19.0 mm
Y100	0.853	0.492	0.750	3/4"	19.0 mm
N110	1.125	0.623	1.000	1"	25.4 mm
L110	1.125	0.600	1.000	1"	25.4 mm
T110	1.125	0.600	1.000	1"	25.4 mm
Y110	1.125	0.623	1.000	1"	25.4 mm

The **600 SERIES** barbs are designed for use with silicone, C-Flex® and PVC tubing sizes commonly used in biopharm and other applications. Tubing is expanded from 18% to 34% above its nominal ID to maintain a low profile and ease of assembly, and the straight barb stem facilitates use of recommended cable tie retainers or hose clamps.



Barb Size	Barb OD	Barb ID*	Tube Internal Diameter		
			Dec.	Frac.	Metric
630	0.188	0.085	0.125	1/8"	3.2 mm
655	0.335	0.181	0.250	1/4"	6.4 mm
670	0.490	0.296	0.375	3/8"	9.5 mm
680	0.625	0.403	0.500	1/2"	12.7 mm
690	0.762	0.499	0.625	5/8"	16.0 mm
6100	0.900	0.615	0.750	3/4"	19.0 mm
6110	1.180	0.804	1.000	1"	25.4 mm

The **700 SERIES** barb is designed for use with Nordson MEDICAL's XQ Series quick connect fittings. This unique single barb is available in sizes to fit the 1/4" (6.4 mm), 5/16" (7.9 mm) and 3/8" (9.5 mm) ID tubing sizes and materials commonly used in disposable and reusable medical equipment. Reinforced PVC, unreinforced PVC and polyurethane tubing materials work well with this barb style.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
755	0.329	0.204	0.250	1/4"	6.4 mm
765	0.398	0.245	0.312	5/16"	7.9 mm
770	0.455	0.302	0.375	3/8"	9.5 mm

The **900 SERIES** offers outstanding performance characteristics when used with flexible tubing. Tubing is expanded from 8% to 17% above its nominal ID. This barb provides high flow efficiency and excellent tensile strength. A hose clamp is recommended for this series.



Barb Size	Barb OD	Barb ID	Tube Internal Diameter		
			Dec.	Frac.	Metric
970	0.437	0.269	0.375	3/8"	9.5 mm
975	0.573	0.358	0.500	1/2"	12.7 mm

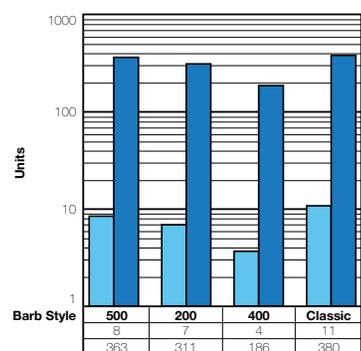
Tensile pull and burst tests were performed by an independent laboratory under controlled conditions to provide comparative performance data for the various barb styles and sizes offered by Nordson MEDICAL. Graph numbers 1 through 8 present the data from each of the tests for each barb size and each barb style connected to PVC tube.

The values shown are the means of a statistically significant sample quantity of each configuration. Nordson MEDICAL barbed fittings specifically designed for use with the tubing size indicated were used in these tests. No oversized barbs, solvents, adhesives, or secondary fasteners of any kind were used.

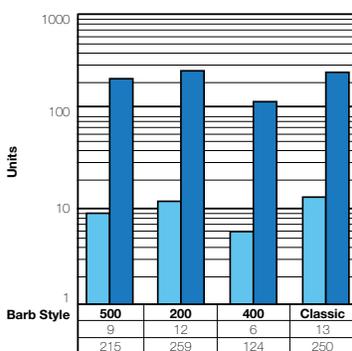
**Tensile Pull Test:** Tensile properties were measured to determine the force required to remove the barbed fitting from the tubing. Tensile specimens were mounted axially in a holding fixture and tested at a rate of 20 inches per minute. Failure mode was tubing separating from the barb.

**Hydrostatic Burst Test:** Hydrostatic burst testing was performed in general accordance with ASTM D1599. Failure mode was either tubing separating from the barb, the tubing bursting, or a combination of the two.

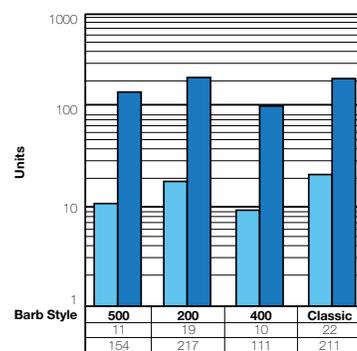
**Performance of Barb to Tube Connections -** ■ Tensile Pull Test (lbs) - ■ Hydrostatic Burst Test (psi)



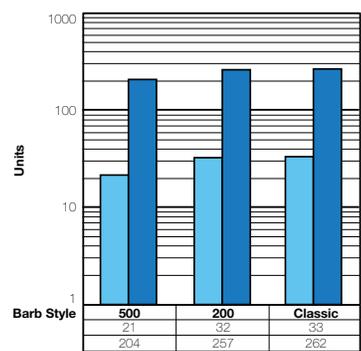
Graph 1: 1/16" Barb Performance



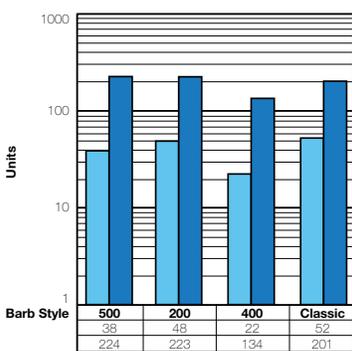
Graph 2: 3/32" Barb Performance



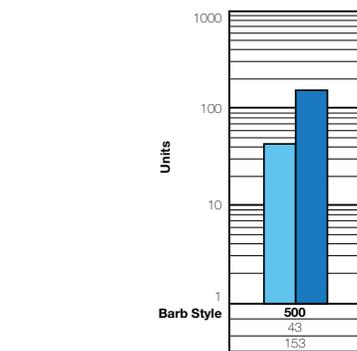
Graph 3: 1/8" Barb Performance



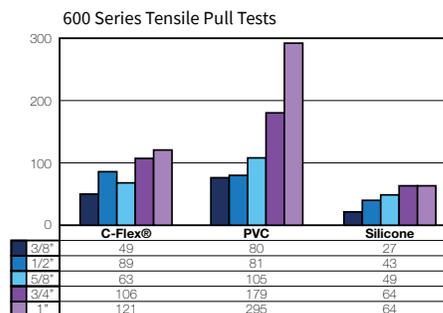
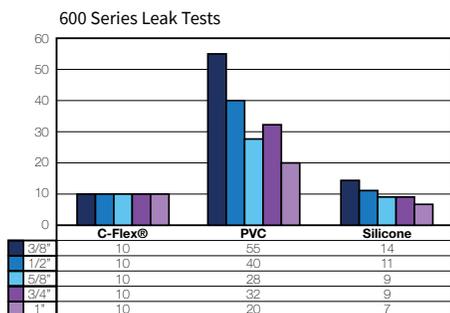
Graph 4: 5/32" Barb Performance



Graph 5: 3/16" Barb Performance

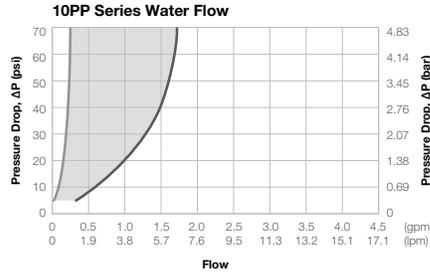
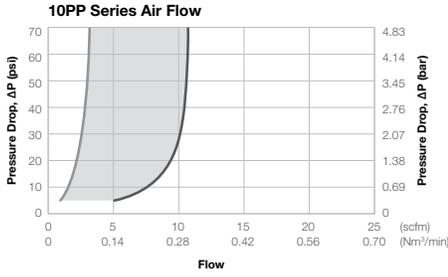
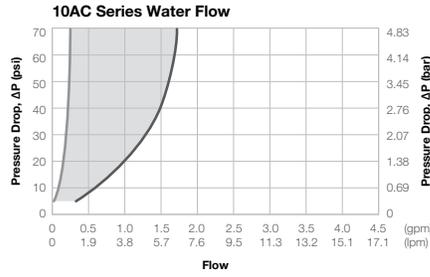
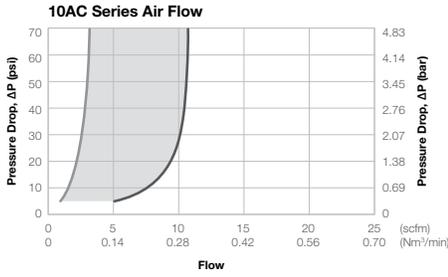


Graph 6: 1/4" Barb Performance

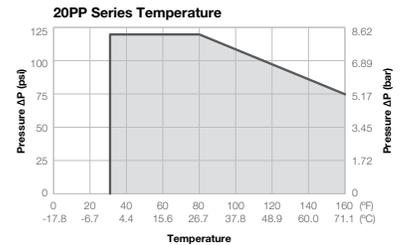
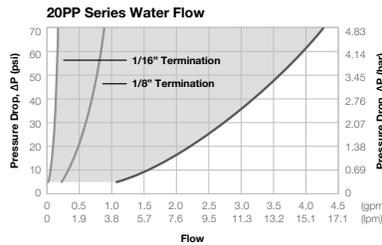
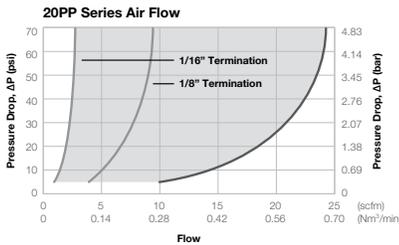
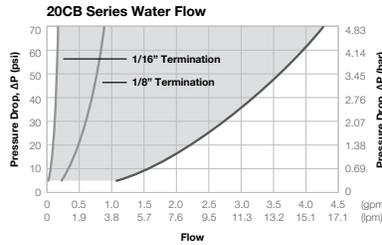
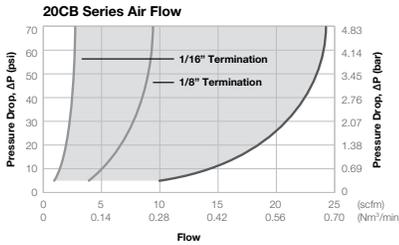
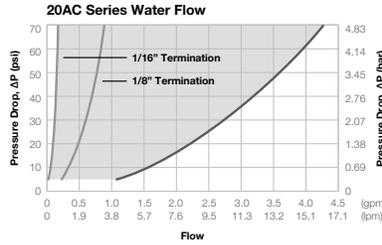
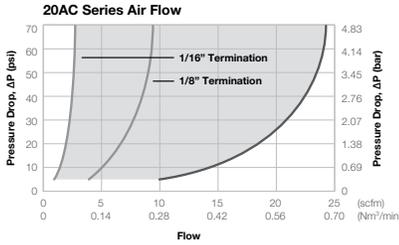


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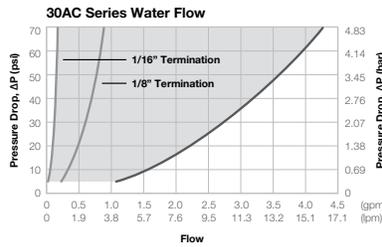
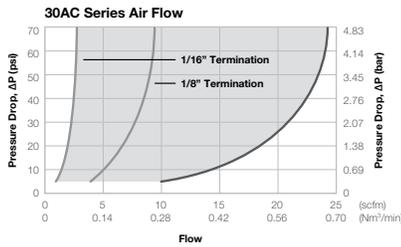
**10 SERIES - 1/16" Flow Size**



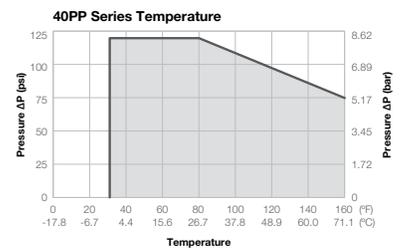
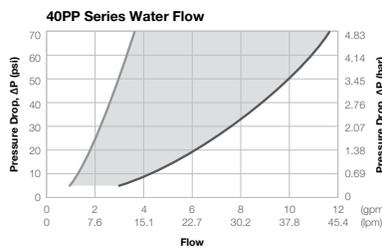
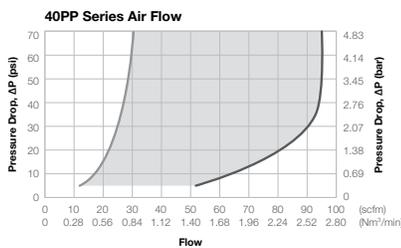
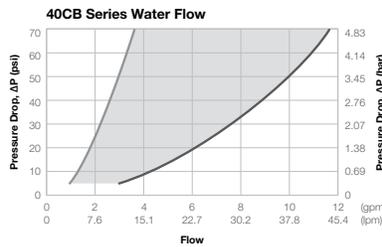
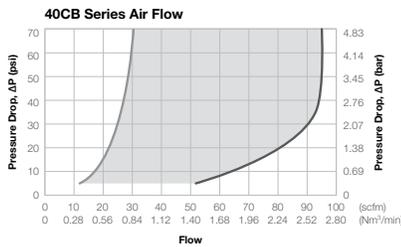
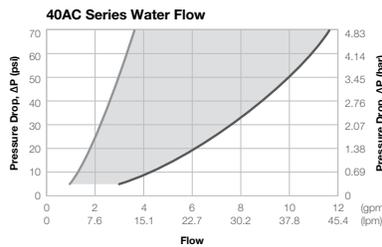
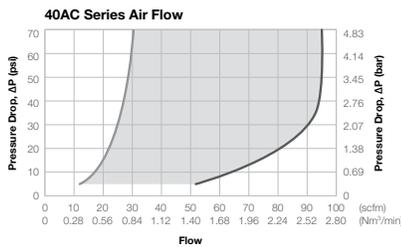
**20 SERIES - 1/8" Flow Size**



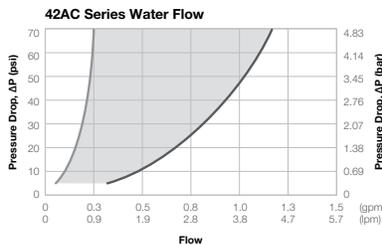
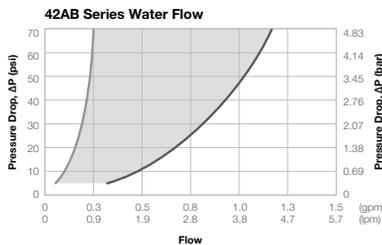
**30 SERIES - 1/8" Flow Size**



**40 SERIES - 1/4" Flow Size**

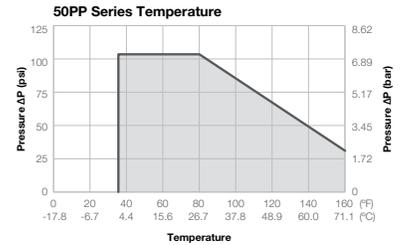
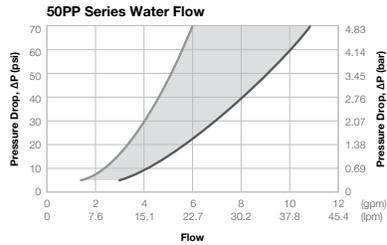
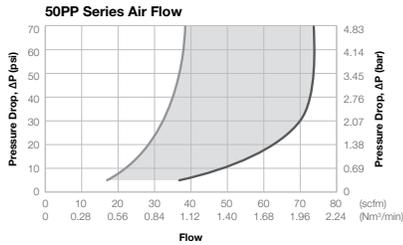
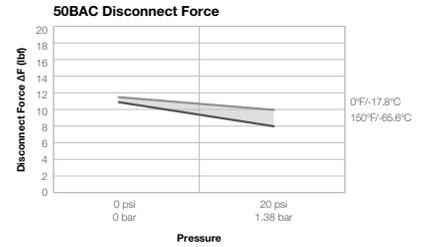
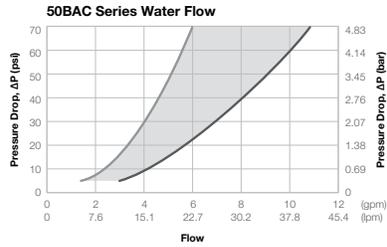
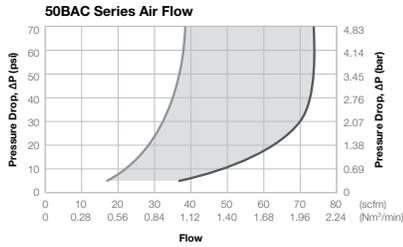
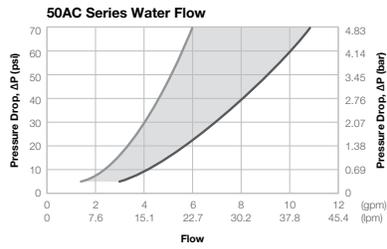
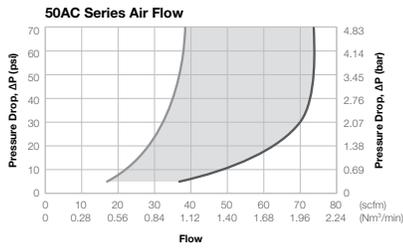


**42 SERIES - 3/32" Flow Size**

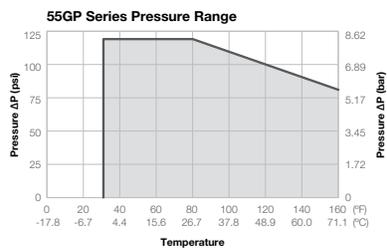
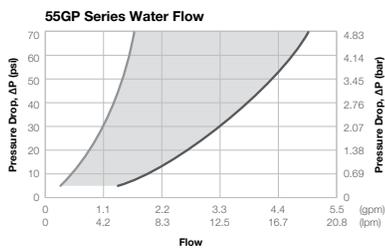


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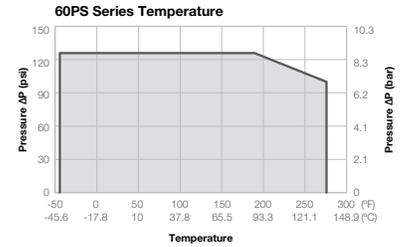
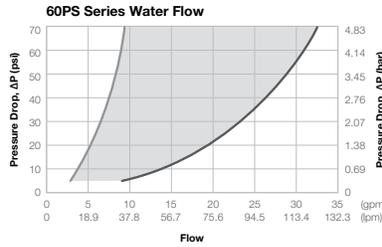
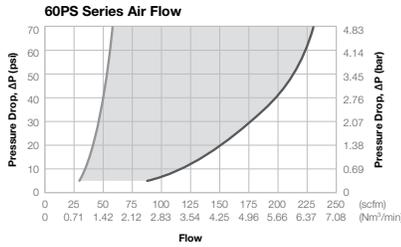
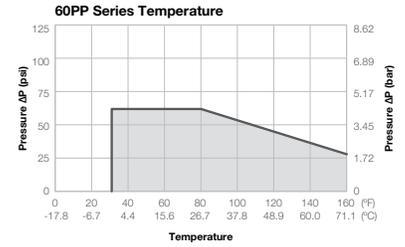
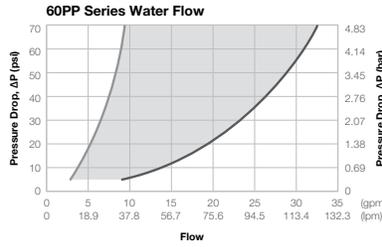
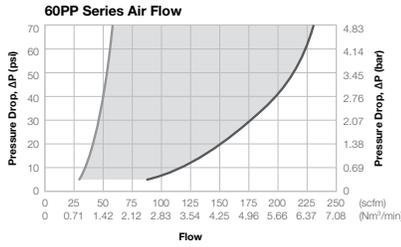
**50 SERIES - 1/4" Flow Size**



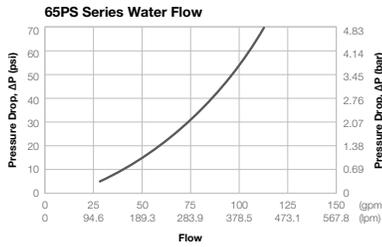
**55 SERIES - 1/8" - 1/4" Flow Size**



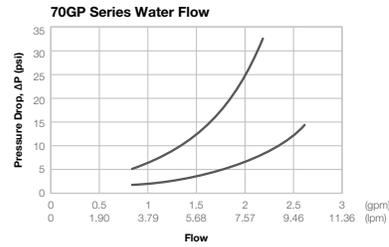
**60 SERIES - 3/8" Flow Size**



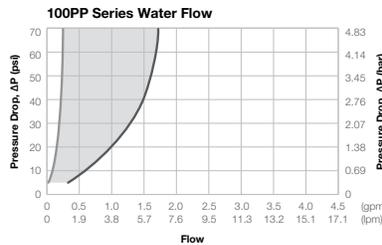
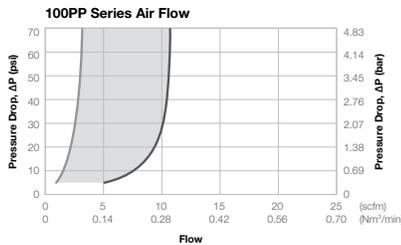
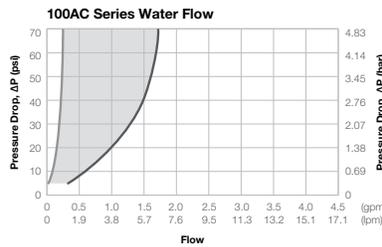
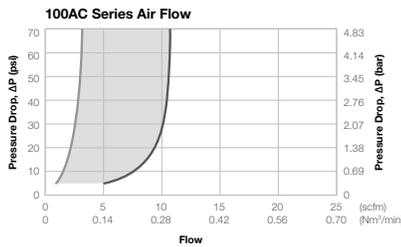
**65 SERIES - 1/2" Flow Size**



**70 SERIES - 1/4" Flow Size**



**100 SERIES - 1/16" Flow Size**



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Maximum cycles \_\_\_\_\_ 50,000 connect-disconnect cycles

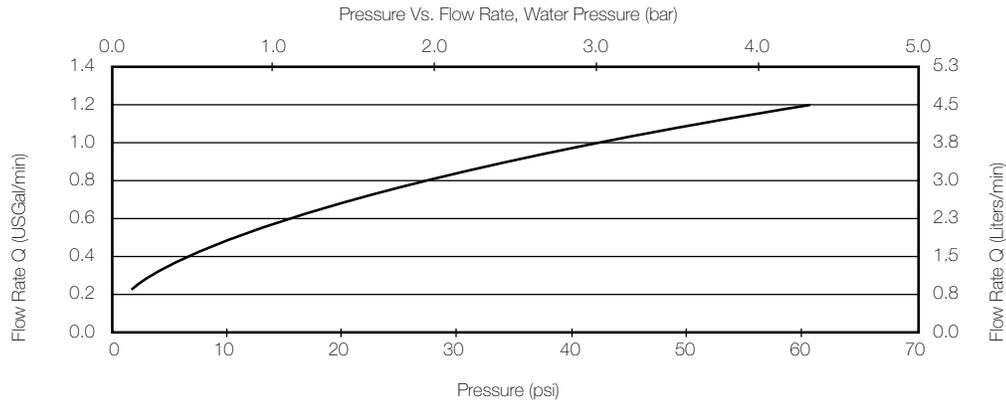
Maximum leak resistance \_\_\_\_\_ < .007 psi / 0.05 kPa / sec.

Maximum axial tensile resistance \_\_\_\_\_ 20 lbf.

Minimum Fitting ID \_\_\_\_\_ .113" / 2.9 mm

Maximum working pressure \_\_\_\_\_ 60 psi, 4.14 bar

Minimum Cv \_\_\_\_\_ .39



**TECHNICAL:**  
Panel Mount Instructions

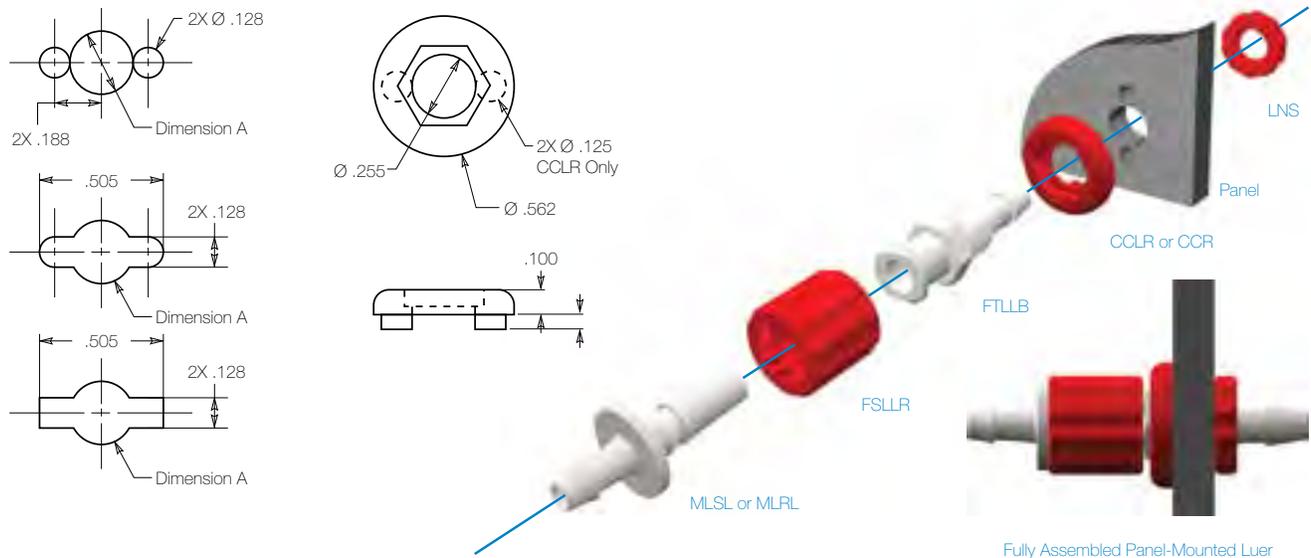
Panel-mounted female luers, in both FTLLB (thread style) and FTLB (lug style) series, are shown beginning on page 18. When used with our CCLR lock rings or CCR color coding rings and LNS lock nuts (see pages 19, 31), color coding of connections is easy.

The information provided here will help you mount the panel mount luers. Please note that they are intended for panel thickness of 1/16" to 1/8" (1.5 to 3 mm).

FTLLB series shown with MLSL luer, FSLLR lock ring, CCLR color coding lock ring, and LNS lock nut.

**Threaded Panel Openings:** Tap the panel with threads from tube fittings, panel mounts or BPMBs and use a CCR color coded ring. In this case, the fitting tightened into the panel prevents fitting rotation. Use an LNS lock nut for additional security; tighten snug plus 1/4 turn only.

**Non-Threaded Panel Openings:** Use any one of the three panel patterns shown below with a CCLR lock ring and LNS lock nut. Together, the panel opening and CCLR prevent the panel mount fitting from rotating. Tighten LNS snug plus 1/4 turn only.



CHEMICAL	%	TEMP C	TEMP F	ABS	ACETAL	PVDF	NYLON	POLYCARBONATE	POLYPROPYLENE	POLYSULFONE
Acetic Acid	5%	23 C	73 F	Excellent	Unsatisfactory	Excellent	Satisfactory	Satisfactory	Excellent	Excellent
Acetone	100%	50 C	122 F	Unsatisfactory	Unsatisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory
Acetophenone	100%	24 C	75 F	Satisfactory	—	Unsatisfactory	Excellent	—	Satisfactory	—
Acetylene	100%	24 C	75 F	—	—	Excellent	Excellent	—	—	—
Air	100%	82 C	180 F	Excellent	Excellent	Excellent	Excellent	—	—	Excellent
Ammonia, Liquid	100%	24 C	75 F	Satisfactory	—	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent	Excellent
Ammonium Hydroxide	10%	23 C	73 F	Satisfactory	—	Excellent	Excellent	Unsatisfactory	Excellent	Excellent
Ammonium Hydroxide	10%	70 C	158 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Excellent
Barium Sulfide	100%	24 C	75 F	Excellent	Excellent	Excellent	Satisfactory	—	Excellent	—
Benzene	100%	23 C	73 F	Satisfactory	Excellent	Excellent	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Bleach	100%	23 C	73 F	—	Unsatisfactory	Excellent	Satisfactory	Unsatisfactory	Satisfactory	Excellent
Boric Acid	7%	35 C	95 F	Excellent	Excellent	Excellent	Unsatisfactory	Excellent	Excellent	—
Calcium Carbonate	Sat. sol.	24 C	75 F	Excellent	—	Excellent	—	—	Excellent	—
Carbon Dioxide	100%	50 C	122 F	Satisfactory	Excellent	Excellent	Excellent	—	Excellent	—
Carbon Monoxide	100%	50 C	122 F	Satisfactory	—	Excellent	Excellent	—	Excellent	—
Carbon Tetrachloride	100%	50 C	122 F	Unsatisfactory	—	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorine Water	Dilute	23 C	73 F	Unsatisfactory	—	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory
Chlorine Water	Concen.	23 C	73 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorobenzene	100%	23 C	73 F	Satisfactory	—	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Chlorofluorocarbon 11	100%	24 C	75 F	—	—	Excellent	Excellent	Satisfactory	—	Excellent
Chloroform	100%	23 C	73 F	Unsatisfactory	Satisfactory	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Cyclohexanone	100%	24 C	75 F	Unsatisfactory	—	Excellent	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Dichlorethylene	100%	23 C	73 F	—	—	Excellent	Satisfactory	—	Excellent	Unsatisfactory
Ethanol	95%	50 C	122 F	Satisfactory	—	Excellent	Excellent	Satisfactory	Excellent	Satisfactory
Ethyl Acetate	95%	50 C	122 F	Satisfactory	—	Unsatisfactory	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Ethylene Glycol	100%	23 C	73 F	Excellent	Satisfactory	Excellent	Excellent	Satisfactory	Excellent	Excellent
Ethylene Oxide	100%	24 C	75 F	Unsatisfactory	—	Excellent	Satisfactory	Satisfactory	Satisfactory	Excellent
Ethylene Oxide	100%	79 C	175 F	Unsatisfactory	—	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory	Excellent
Fatty Acids	—	—	—	—	Excellent	Excellent	—	Satisfactory	Excellent	—
Fluorine	100%	23 C	73 F	Unsatisfactory	—	Excellent	Unsatisfactory	—	—	—
Formaldehyde	37%	24 C	75 F	Unsatisfactory	Excellent	Excellent	—	Unsatisfactory	Excellent	Unsatisfactory
Gasoline	100%	85 C	185 F	Excellent	Satisfactory	Excellent	Excellent	Unsatisfactory	Satisfactory	Satisfactory
Glucose	Concen.	24 C	75 F	Excellent	—	Excellent	—	—	Excellent	—
Glycerin	100%	24 C	75 F	Excellent	—	Excellent	—	Excellent	Excellent	Excellent
Hydrochloric Acid	2%	23 C	73 F	Excellent	Satisfactory	Excellent	Excellent	Excellent	Excellent	Excellent
Hydrochloric Acid	10%	25 C	77 F	Excellent	Satisfactory	Excellent	Unsatisfactory	Excellent	Excellent	Excellent
Hydrofluoric Acid	10%	23 C	73 F	Satisfactory	—	Excellent	Unsatisfactory	—	Excellent	Excellent
Hydrogen Peroxide	1%	24 C	75 F	Excellent	Unsatisfactory	Excellent	Satisfactory	Excellent	Excellent	Excellent
Hydrogen Peroxide	5%	43 C	110 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Excellent	Satisfactory	Excellent
Isopropanol	70%	23 C	73 F	—	Excellent	Excellent	Excellent	Call*	Excellent	Satisfactory
Kerosene	100%	85 C	185 F	Satisfactory	—	Excellent	Excellent	Satisfactory	Satisfactory	Satisfactory
Methyl Ethyl Ketone	100%	50 C	122 F	Unsatisfactory	—	Unsatisfactory	Excellent	Unsatisfactory	Satisfactory	Unsatisfactory
Methylene Chloride	100%	23 C	73 F	Unsatisfactory	—	Excellent	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory
Methanol	100%	23 C	73 F	Unsatisfactory	—	Excellent	Excellent	Satisfactory	Excellent	Satisfactory
Nitric Acid	10%	23 C	73 F	Satisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Satisfactory
Oxygen	100%	24 C	75 F	—	—	Excellent	Satisfactory	—	—	—
Ozone	100%	43 C	110 F	Satisfactory	—	Satisfactory	Unsatisfactory	Unsatisfactory	—	—
Phenol	90%	23 C	73 F	Unsatisfactory	Unsatisfactory	Excellent	Unsatisfactory	—	Excellent	—
Phosphoric Acid	5%	98 C	208 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Unsatisfactory	Excellent	Excellent
Propane	100%	23 C	73 F	Satisfactory	—	Excellent	Excellent	—	—	—
Sodium Bicarbonate	Concen.	24 C	75 F	Excellent	Excellent	Excellent	Excellent	—	Excellent	Excellent
Sodium Chloride	10%	23 C	73 F	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
Sodium Chloride	Sat. sol.	24 C	75 F	Excellent	—	Excellent	Excellent	—	Excellent	Excellent
Sodium Hydroxide	10%	70 C	158 F	Satisfactory	—	Excellent	Satisfactory	—	Excellent	Excellent
Steam	—	120 C	248 F	Unsatisfactory	—	Excellent	Unsatisfactory	Unsatisfactory	Satisfactory	Excellent
Sulfuric Acid	30%	23 C	73 F	Satisfactory	Unsatisfactory	Excellent	Unsatisfactory	Excellent	Excellent	Excellent
Tetrahydrofuran	100%	23 C	73 F	Satisfactory	—	Unsatisfactory	Excellent	—	Unsatisfactory	—
Toluene	100%	50 C	122 F	Satisfactory	Unsatisfactory	Excellent	Excellent	Unsatisfactory	Unsatisfactory	Unsatisfactory
Trichloroethylene	100%	23 C	73 F	Satisfactory	—	Excellent	Satisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Water	100%	79 C	175 F	Excellent	—	Excellent	Excellent	Unsatisfactory	Excellent	Excellent

\* Polycarbonate is known to experience environmental stress cracking when exposed to solvents. Please contact Nordson MEDICAL technical support if polycarbonate is planning on being used in a solvent bonding application. Looking for a stress-free connection? Ask our technical experts at 1-888-404-5837 how annealing and other secondary processes can alleviate the risk of environmental stress cracking in polycarbonate materials.

The data presented here is for reference only. It was compiled to provide our customers with a means of comparing the characteristics of components at the time of publication. The particular conditions of your use and application of our products are beyond our control. Thus, it is imperative that you test our products in your specific application to determine their suitability. All information is provided without implied or express warranty or guarantee by Nordson MEDICAL or other manufacturers. None of the information provided constitutes a recommendation or endorsement of any kind by Nordson MEDICAL.

Material - Manufacturer & Grade	VP Code	Regulatory Compliance of Base Resin*	RoHS Compliant	BPA Free	DEHP Free	Animal Derivative Free*
<b>ABS (Lace White)</b> - INEOS Lustran 348-000000	<b>-81</b>	USP Class VI Certified; ISO 10993 Part I Compliant	Yes	Yes	Yes	No
<b>ABS, MABS (Methyl Methacrylate)</b> - BASF Terluc 2802 HD	<b>SCV Series</b>	USP Class VI Certified	Yes	Yes	Yes	No
<b>ABS, MABS (Methyl Methacrylate)</b> - BASF Terluc 2802 TR	<b>-8003</b>	General Purpose	Yes	Yes	Yes	No
<b>ABS (Sno White)</b> - INEOS Lustran 348-012002	<b>-8012</b>	USP Class VI Certified; ISO 10993 Part I Compliant	Yes	Yes	Yes	No
<b>Acetal</b> - DuPont Delrin 500P	<b>-10</b>	21 CFR 177.2480 FDA Approved	Yes	Yes	Yes	No
<b>Acetal Copolymer</b> - BASF Ultraform N 23020.003	<b>-1006, -1007</b>	21 CFR 177.2470 FDA Approved	Yes	Yes	Yes	No
<b>Acrylic</b> - Cyro Cyrolite Med 2	<b>-50</b>	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1010 FDA Approved	Yes	Yes	Yes	Yes
<b>Nylon (PA 66)</b> - DuPont Zytel 101F	<b>-0, -1, -2, -3, -4, -5, -06, -07, -08B, -8, -8B, -CM030</b>	21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
<b>Nylon (PA 66)</b> - DuPont Zytel SC310 NC010	<b>-U1, -U5, -U01, -U05</b>	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
<b>Nylon (Glass Reinforced)</b> - DuPont Zytel FGFE5171	<b>-U71, -U75</b>	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
<b>Nylon (Glass Reinforced)</b> - DuPont Zytel 70G33L	<b>-7, -72</b>	21 CFR 177.1500 FDA Approved	Yes	Yes	Yes	No
<b>Polycarbonate (Clear)</b> - Bayer Makrolon 2558 550115	<b>-9</b>	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1580 FDA Approved	Yes	No	Yes	No
<b>Polycarbonate (Clear)</b> - Bayer Makrolon Rx 1805 451118	<b>-9010, SCV Series</b>	USP Class VI Certified; ISO 10993 Compliant	Yes	No	Yes	Yes
<b>Polycarbonate (Tinted)</b> - Sabic Lexan HPS1	<b>-9024</b>	USP Class VI Certified; ISO 10993 Compliant	Yes	No	Yes	No
<b>Polycarbonate (Tinted)</b> - Styron Calibre Megarad 2081-15	<b>-9002, DCV Series</b>	ISO 10993 Compliant	Yes	No	Yes	No
<b>Polyethylene</b> - LyondellBase ll Purell PE 1840 H	<b>SCV Series</b>	Please call for details	Yes	Yes	Yes	Yes
<b>Polyethylene</b> - Trilliant HC5420-0002 LL Natural Resin	<b>-VP1</b>	USP Class VI Certified	Yes	Yes	Yes	Yes
<b>Polyketone</b> - Hyosung CS1826-CS8B382PK (M330F Preco)	<b>-PK5</b>	USP Class VI Certified; ISO 10993 Compliant	Yes	Yes	Yes	Yes
<b>Polypropylene</b> - Flint Hills PSM6K-080	<b>-6005, -6006</b>	USP Class VI Certified; 21 CFR 177.1520 FDA Approved	Yes	Yes	Yes	Yes
<b>Polysulfone</b> - Solvay Udel P1700 CL2611	<b>-40</b>	USP Class VI Certified; ISO 10993 Compliant; 21 CFR 177.1655 FDA Approved	Yes	Yes	Yes	Yes
<b>PVDF</b> - Arkema Kynar 1000 HD	<b>-J2A</b>	USP Class VI Certified; 21 CFR 177.2510 FDA Approved	Yes	Yes	Yes	Yes
<b>SAN</b> - BASF 388S TR 77770	<b>SCV Series</b>	ISO 10993 Compliant	Yes	Yes	Yes	No
<b>Silicone</b> - Wacker Elastosil LR 3003	<b>SCV Series</b>	USP Class VI Certified	Yes	Yes	Yes	Yes

\*As determined by resin manufacturer

Material - Manufacturer & Grade	VP Code	Gamma Radiation Sterilization*	Ethylene Oxide Sterilization	Autoclave Sterilization
<b>ABS (Iace White)</b> - INEOS Lustran 348-000000	<b>-81</b>	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
<b>ABS, MABS (Methyl Methacrylate)</b> - BASF Terlux 2802 TR/HD	<b>-8003, SCV Series</b>	Withstands up to 5 Mrad doses without yellowing	Good	Poor; components may distort due to low heat deflection temperatures
<b>ABS (Sno White)</b> - INEOS Lustran 348-012002	<b>-8012</b>	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
<b>Acetal</b> - DuPont Delrin 500P	<b>-10</b>	Compatible up to 1 Mrad	Excellent	Very good
<b>Acetal Copolymer</b> - BASF Ultraform N2320 003	<b>-1006, -1007</b>	Compatible up to 1.5 Mrads	Excellent	Very good
<b>Acrylic</b> - Cyro Cyrolite Med 2	<b>-50</b>	Very good up to commonly used doses (6 Mrads)	Excellent	Not recommended
<b>Nylon (PA 66)</b> - DuPont Zytel 101F	<b>-0, -1, -2, -3, -4, -5, -06, -07</b>	Very good; may discolor to brownish hue	Very good; some susceptibility to oxidizing agents	Very good; product may swell slightly due to water absorption
<b>Nylon (Glass Reinforced)</b> - DuPont Zytel FGF93171	<b>-U71, -U75</b>	Very good; may discolor to brownish hue	Very good; some susceptibility to oxidizing agents	Excellent
<b>Polycarbonate (Clear)</b> - Bayer Makrolon 2558 550115	<b>-9</b>	Compatible up to 10 Mrads with minor loss of physical properties; will discolor to yellow-green hue	Highly compatible	Poor; may craze or stress crack due to molding stresses
<b>Polycarbonate (Clear)</b> - Bayer Makrolon Rx 1805 451118	<b>-9010, SCV Series</b>	Compatible up to 10 Mrads with minor loss of physical properties; may discolor slightly dependent upon dose/number of cycles	Highly compatible	Poor; may craze or stress crack due to molding stresses
<b>Polycarbonate (Clear, Tinted)</b> - Covestro Makrolon 3158	<b>-9021, -9026, FC Series</b>	Compatible up to 5 Mrads; clear may slightly discolor at higher doses	Highly compatible	No data
<b>Polycarbonate (Tinted)</b> - Sabic Lexan HPS1	<b>-9024</b>	Highly compatible with reduced color shift when compared to unstabilized polycarbonate resins	Highly compatible	Not recommended
<b>Polycarbonate (Tinted)</b> - Styron Calibre Megarad 2081-15	<b>-9002, DCV Series</b>	Excellent up to 10 Mrads with minor loss of physical properties; light violet hue turns clear upon sterilization	Highly compatible	Not recommended
<b>Polyethylene</b> - INEOS T60-800-119	<b>-30, FC Series</b>	Compatible up to 5 Mrads	Highly compatible	No data
<b>Polyethylene</b> - LyondellBasell Purrell PE 1840 H	<b>SCV Series</b>	Compatible up to 5 Mrads	Highly compatible	Not recommended
<b>Polyethylene</b> - Trilliant HC5420-0002 LL Natural Resin	<b>-VP1</b>	Highly compatible	Highly compatible	Not recommended
<b>Polyketone</b> - Hysung CS1826-CS88382PK (M330F Preco)	<b>-PK5</b>	Compatible up to 50 Kg	Highly compatible	Excellent
<b>Polypropylene</b> - Flint Hills P5M6K-080	<b>-6005, -6006, -6012</b>	Very good to commonly used sterilization doses (6 Mrads)	Highly compatible	Limited to 121 °C for 20 minutes due to low heat deflection temperatures
<b>Polysulfone</b> - Solvay Udel P1700 CL2611	<b>-40</b>	Highly compatible; will discolor to brownish hue	Excellent	Excellent
<b>PVDF</b> - Arkema Kynar 740 Natural	<b>-J2A</b>	Highly compatible; will discolor to brownish hue	Excellent	Highly compatible
<b>SAN</b> - BASF 388S TR 77770	<b>SCV Series</b>	Compatible up to 5 Mrads	Good	Not suitable due to low heat deflection temperatures
<b>Silicone</b> - Wacker Elastosil LR 3003	<b>SCV Series</b>	Compatible up to 5 Mrads	Highly compatible	Very good

**\* 1 Megarad (Mrad) = 10 kilograys (kGy)**

Property	ASTM Test Method	PVDF	Polycarb	Radiation Stable PC	Polypro	Nylona	GF Nylona	ABS	MABS	Polysulfone	Acetal
<b>Tensile Strength</b>	D638	5,400	10,000	9,800	—	12,000	27,000	4,800	—	—	—
<b>Elongation at Break, %</b>	D638	100-400	120	150	375	300	3	50	12	50-100	40
<b>Tensile Yield Strength, psi</b>	D638	6,500	9,200	9,800	4,400	12,000	—	5,700	6,960	10,200	9,900
<b>Flexural Modulus, kpsi</b>	D790	360	330	350	170	410	1,300	330	—	390	450
<b>Rockwell Hardness D</b>	D785	—	R118	R118	R80-102	R121	—	R107	—	—	R122
<b>Rockwell Hardness M</b>	—	—	M75	M72	—	M79	M101	—	—	M69	M89
<b>Shore Hardness D</b>	D2240	D76-80	—	—	—	—	—	—	—	—	—
<b>Coef. of Linear 10-5 in/in/°F</b>	D696	7.6	3.9	3.8	—	4	1.3	5.5	—	3.1	—
<b>Deflection Temp°F @264psi</b>	D648	244	266	252	—	194	480	173	194	345	216
<b>Deflection Temp°F @66psi</b>	D648	—	273	—	190	455	—	—	201	358	332
<b>Water Absorption, %, 24 h</b>	D570	0.015	0.15	0.15	0	1.2	0.7	0.25-0.40	0.7	0.3	0.4
<b>Izod Impact, (Notched) ft-lb/in</b>	D256	3.1	16.0	14.0	0.5	1.0	2.2	6.0	1.31	1.3	—

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### OTHER TRADEMARKS

1,827,467  
 1,817,921  
 1,817,922  
 2,655,263  
 2,616,170  
 2,535,232  
 2,535,234

3PF210 .....	29	14MTLL .....	17	20ACV-SB1-02 .....	41
3PF220 .....	29	18FTLL .....	18	20ACV-SB1-02BSPT .....	41
3PF230 .....	29	18L230 .....	111	20ACV-SB1-02UT .....	41
4PDL220 .....	29	18L250 .....	111	20ACV-SB1-04 .....	41
4PLL210 .....	29	18L260 .....	111	20ACV-SB1-04BSPT .....	41
4PLL220 .....	29	18LFTLL .....	18	20ACV-SB2-01 .....	41
4PLL230 .....	29	18MTLL .....	17	20ACV-SB2-02 .....	41
4PX210 .....	29	18T260 .....	111	20ACV-SB2-03 .....	41
4PX220 .....	29	20AC-PB1-02 .....	39	20ACV-SB2-04 .....	41
4PX230 .....	29	20AC-PB1-02BSPT .....	39	20ACV-SB3-01 .....	43
4PX655 .....	99	20AC-PB2-01 .....	39	20ACV-SB3-01GS .....	43
4PX670 .....	99	20AC-PB2-02 .....	39	20ACV-SB3-02 .....	43
4PX670/655 .....	99	20AC-PB2-03 .....	39	20ACV-SB3-02GS .....	43
4PX680 .....	99	20AC-PB2-04 .....	39	20ACV-SB3-03 .....	43
4PX680/670 .....	99	20AC-PB3-02 .....	40	20ACV-SB3-03GS .....	43
4PX6100 .....	99	20AC-PB3-03 .....	40	20ACV-SB3-04 .....	43
4PX6110 .....	99	20AC-PB4-02 .....	41	20ACV-SB3-04GS .....	43
4PX6110/6100 .....	99	20AC-PB4-04 .....	41	20ACV-SB4-02 .....	44
6PDT220 .....	29	20AC-PB9-04 .....	39	20ACV-SB4-04 .....	44
6PDT230 .....	29	20AC-S1-02 .....	38	20ACV-SB8-04 .....	43
6PTT230 .....	29	20AC-S1-02BSPT .....	38	20ACV-SB8-04GS .....	43
10AC2-02BLK .....	38	20AC-S1-04 .....	38	20ACV-SB8-025 .....	43
10AC2-M3BLK .....	38	20AC-S2-02 .....	38	20ACV-SB9-04 .....	41
10AC-PB2-01 .....	37	20AC-S2-03 .....	38	20ACV-SB10-04 .....	44
10AC-PB2-02 .....	37	20AC-S2-04 .....	38	20CB-PB1-02 .....	39
10AC-PB2-02BLK .....	37	20AC-S3-01 .....	40	20CB-PB1-04 .....	39
10AC-PB2-M3 .....	37	20AC-S3-02 .....	40	20CB-PB1-04BSPT .....	39
10AC-PB3-02 .....	37	20AC-S3-03 .....	40	20CB-PB3-02 .....	40
10AC-PB3-M3 .....	37	20AC-S3-03GS .....	40	20CB-PB4-02 .....	41
10AC-PB3-M3BLK .....	37	20AC-S3-04 .....	40	20CB-PB4-04 .....	41
10AC-S2-02 .....	36	20AC-S4-04 .....	40	20CB-PB9-04 .....	39
10AC-S2-02BLK .....	36	20AC-S8-04 .....	40	20CB-S1-02 .....	38
10AC-S2-02NSBLK .....	36	20AC-S8-025 .....	40	20CB-S1-02BSPT .....	38
10AC-S2-M3BLK .....	36	20AC-S9-04 .....	38	20CB-S3-02 .....	40
10AC-S3-01 .....	37	20ACV-PB1-02 .....	42	20CB-S8-04 .....	40
10AC-S3-02 .....	37	20ACV-PB1-02BSPT .....	42	20CB-S9-04 .....	38
10ACV-SB2-01NSBLK .....	37	20ACV-PB1-04 .....	42	20CB-S9-025 .....	38
10ACV-SB2-02 .....	37	20ACV-PB1-04BSPT .....	42	20CBV-PB2-02 .....	42
10ACV-SB2-M3 .....	37	20ACV-PB2-01 .....	42	20CBV-PB2-04 .....	42
10ACV-SB2-M3BLK .....	37	20ACV-PB2-02 .....	42	20CBV-PB3-02 .....	44
10ACV-SB2-M3NSBLK .....	37	20ACV-PB2-03 .....	42	20CBV-PB3-03 .....	44
10ACV-SB3-01 .....	38	20ACV-PB2-04 .....	42	20CBV-PB3-04 .....	44
10ACV-SB3-02 .....	38	20ACV-PB3-01 .....	44	20CBV-PB8-04 .....	44
10ACV-SB3-M3BLK .....	38	20ACV-PB3-02 .....	44	20CBV-PB9-04 .....	42
10PP-PE2-01 .....	37	20ACV-PB3-03 .....	44	20CBV-PB9-025 .....	42
10PP-PE2-M3NS .....	37	20ACV-PB3-04 .....	44	20CBV-PB10-04 .....	44
10PP-PE3-01 .....	37	20ACV-PB4-02 .....	44	20CBV-SB1-02 .....	41
10PP-S2-01 .....	36	20ACV-PB4-04 .....	44	20CBV-SB1-02BSPT .....	41
10PP-S2-M3NS .....	36	20ACV-PB8-04 .....	44	20CBV-SB1-04 .....	41
10PP-S3-01 .....	37	20ACV-PB9-04 .....	42	20CBV-SB2-02 .....	41
10PP-S3-M3 .....	37	20ACV-PB9-025 .....	42	20CBV-SB2-03 .....	41

20CBV-SB2-04.....	41	30AC-S2-04.....	45	40ACV-SB3-06.....	49
20CBV-SB3-02.....	43	30ACV-PB2-02.....	45	40ACV-SB8-04.....	49
20CBV-SB8-04.....	43	30ACV-PB2-04.....	45	40ACV-SB8-06.....	49
20CBV-SB19-1032.....	43	30ACV-PB10-04.....	45	40ACV-SB9-04.....	48
20PP-PE2-01MALD.....	39	30ACV-SB2-02.....	45	40ACV-SB9-06.....	48
20PP-PE2-02.....	39	30ACV-SB2-04.....	45	40ACV-SB18-04.....	49
20PP-PE2-02MALD.....	39	30ACV-SB9-04.....	45	40CB-PB1-04.....	46
20PP-PE2-04.....	39	30ACX-PB1-04.....	45	40CB-PB2-06.....	46
20PP-S1-02.....	39	33PCV-SPS2-02.....	45	40CB-PB10-04.....	47
20PP-S1-04.....	39	40AC-PB1-04.....	46	40CB-S1-04.....	46
20PP-S2-02.....	39	40AC-PB2-04.....	46	40CB-S1-04BSPT.....	46
20PP-S2-04.....	39	40AC-PB2-05.....	46	40CB-S2-04.....	46
20PP-S3-02.....	40	40AC-PB2-06.....	46	40CB-S8-04.....	47
20PP-S3-02MALD.....	40	40AC-PB3-04.....	47	40CB-S12-04.....	47
20PP-S3-04.....	40	40AC-PB3-06.....	47	40CB-S3557.....	64
20PP-S3-04MALD.....	40	40AC-PB4-04.....	47	40CB-S3559.....	64
20PP-S8-025MALD.....	40	40AC-PB4-06.....	47	40CB-S35271.....	64
20PPV-PE1-02.....	42	40AC-PB8-06.....	47	40CB-S35288.....	64
20PPV-PE1-02MALD.....	42	40AC-S1-04.....	46	40CB-S35296.....	64
20PPV-PE2-01.....	42	40AC-S1-04BSPT.....	46	40CBV-P75242.....	64
20PPV-PE2-01MALD.....	42	40AC-S1-06.....	46	40CBV-PB1-04.....	49
20PPV-PE2-02.....	42	40AC-S1-06BLK.....	46	40CBV-PB1-04BSPT.....	49
20PPV-PE2-02MALD.....	42	40AC-S2-04.....	46	40CBV-PB2-04.....	49
20PPV-PE2-04.....	42	40AC-S2-05.....	46	40CBV-PB2-05.....	49
20PPV-PE2-04MALD.....	42	40AC-S2-06.....	46	40CBV-PB2-06.....	49
20PPV-PE4-02.....	44	40AC-S3-04.....	47	40CBV-PB3-04.....	50
20PPV-PE4-02MALD.....	44	40AC-S3-06.....	47	40CBV-PB3-06.....	50
20PPV-PE4-04.....	44	40AC-S8-04.....	47	40CBV-PB4-04.....	50
20PPV-PE4-04MALD.....	44	40AC-S9-04.....	46	40CBV-PB4-06.....	50
20PPV-PE10-04.....	44	40ACV-PB2-04.....	48	40CBV-PB9-04.....	49
20PPV-PE19-04GSPNMALD.....	44	40ACV-PB2-05.....	48	40CBV-PB9-06.....	49
20PPV-SE1-02.....	41	40ACV-PB2-06.....	48	40CBV-PB10-04.....	50
20PPV-SE1-04.....	41	40ACV-PB3-04.....	50	40CBV-PB10-06.....	50
20PPV-SE1-04MALD.....	41	40ACV-PB3-05.....	50	40CBV-S35297.....	64
20PPV-SE2-01.....	41	40ACV-PB4-04.....	50	40CBV-SB1-04.....	48
20PPV-SE2-02.....	41	40ACV-PB4-06.....	50	40CBV-SB1-04BSPT.....	48
20PPV-SE2-02MALD.....	41	40ACV-PB8-04.....	50	40CBV-SB1-06.....	48
20PPV-SE2-04MALD.....	41	40ACV-PB9-04.....	48	40CBV-SB1-06BSPT.....	48
20PPV-SE3-01.....	43	40ACV-PB9-06.....	48	40CBV-SB2-04.....	48
20PPV-SE3-02.....	43	40ACV-PB10-06.....	50	40CBV-SB2-06.....	48
20PPV-SE3-02MALD.....	43	40ACV-PB17-04.....	49	40CBV-SB3-04.....	49
20PPV-SE3-04.....	43	40ACV-PB18-04.....	50	40CBV-SB3-06.....	49
20PPV-SE3-04GSPNMALD.....	43	40ACV-SB1-04.....	48	40CBV-SB8-04.....	49
20PPV-SE3-04MALD.....	43	40ACV-SB1-04BSPT.....	48	40CBV-SB9-06.....	48
20PPV-SE8-04.....	43	40ACV-SB1-06.....	48	40CBV-SB12-04.....	49
20PPV-SE9-04.....	41	40ACV-SB1-06BSPT.....	48	40PP-PE2-04.....	46
20PPV-SE19-04GSPNMALD.....	43	40ACV-SB2-04.....	48	40PP-S1-04.....	46
20PPX-PE1-02.....	39	40ACV-SB2-05.....	48	40PP-S2-04.....	46
20PPX-PE4-02MALD.....	41	40ACV-SB2-06.....	48	40PP-S3-04.....	47
20PPX-PE4-04MALD.....	41	40ACV-SB3-04.....	49	40PP-S3-04MALD.....	47
30AC-S2-02.....	45	40ACV-SB3-05.....	49	40PP-S8-06.....	47

40PP-S9-06.....	46	50GP-PF5-04.....	51	60PS-S2-08BLK.....	54
40PPV-PE2-04.....	49	50GP-PF5-06.....	51	60PS-S3-08BLK.....	55
40PPV-PE2-04MALD.....	49	50GP-PF6.....	51	60PSV-PE1-06.....	56
40PPV-PE2-06.....	49	50GP-PF7-06.....	52	60PSV-PE2-08.....	56
40PPV-PE2-06MALD.....	49	50GP-S1-04.....	51	60PSV-PE3-06.....	57
40PPV-PE3-04.....	50	50GP-S5-04.....	51	60PSV-PE3-06BLK.....	57
40PPV-PE4-04.....	50	50GP-S5-06.....	51	60PSV-SE1-06.....	56
40PPV-PE4-04MALD.....	50	50GP-S7-06.....	52	60PSV-SE1-08.....	56
40PPV-PE4-06.....	50	50GPV-SF5-06.....	52	60PSV-SE2-06.....	56
40PPV-PE10-06MALD.....	50	50PPV-PE2-06.....	53	60PSV-SE2-08.....	56
40PPV-SE1-04.....	48	50PPV-PE4-04.....	53	60PSV-SE3-12BLK.....	57
40PPV-SE2-04.....	48	50PPV-PE4-06.....	53	65GP-PF1-08.....	58
40PPV-SE2-06MALD.....	48	50PPV-SE3-04.....	53	65GP-PF2-08.....	58
40PPV-SE3-04.....	49	50PPV-SE3-06.....	53	65GP-S2-12.....	58
40PPV-SE3-04MALD.....	49	50PPX-PE1-04.....	51	100AC2-M3.....	59
40PPV-SE3-06.....	49	50PPX-PE1-06.....	51	100AC-PB2-01.....	59
40PPV-SE3-06MALD.....	49	55GPV-PE2-06.....	54	100AC-PB2-02.....	59
40PPV-SE8-06MALD.....	49	55GPV-SE2-06.....	54	100AC-S2-01.....	59
40PPV-SE9-06.....	48	60PP-PE2-04.....	55	100AC-S2-M3.....	59
42AB-PB2-02.....	50	60PP-PE2-04BLK.....	55	100ACV2-M3.....	59
42AB-S3-02.....	50	60PP-PE2-08.....	55	100ACV-SB2-01.....	59
50AC-PB2-04.....	51	60PP-PE4-08.....	55	100PP2-02.....	59
50AC-PB2-06.....	51	60PP-S1-12.....	54	100PP2-M3.....	59
50AC-PB4-06.....	52	60PP-S2-06.....	54	100PP-S2-M3.....	59
50AC-PB9-04.....	51	60PP-S2-08.....	54	1040.....	22
50AC-PB17-04.....	51	60PP-S3-06.....	55	1600.....	109
50AC-S1-04.....	51	60PP-S3-08.....	55	1610.....	109
50AC-S1-06.....	51	60PPV-PE1-08.....	56	1620.....	109
50AC-S2-04.....	51	60PPV-PE1-08BLK.....	56	1630.....	109
50AC-S2-06.....	51	60PPV-PE2-04BLK.....	56	1640.....	109
50AC-S2-06LB.....	51	60PPV-PE2-06.....	56	1650.....	109
50AC-S3-04.....	52	60PPV-PE2-06BLK.....	56	1802.....	111
50AC-S3-06.....	52	60PPV-PE2-08.....	56	1820.....	110
50AC-S8-06.....	52	60PPV-PE2-12.....	56	1830.....	110
50ACV-PB1-04.....	53	60PPV-PE3-06.....	57	1840.....	110
50ACV-PB2-04.....	53	60PPV-PE4-06.....	57	1850.....	110
50ACV-PB2-06.....	53	60PPV-PE4-08.....	57	1860.....	110
50ACV-PB4-04.....	53	60PPV-PE22-08BLK.....	57	2040.....	22
50ACV-PB4-06.....	53	60PPV-SE1-06.....	56	2050.....	22
50ACV-SB1-06.....	52	60PPV-SE1-08.....	56	3040.....	22
50ACV-SB2-04.....	52	60PPV-SE1-08BLK.....	56	3050.....	23
50ACV-SB2-06.....	52	60PPV-SE2-06.....	56	3060.....	23
50ACV-SB3-04.....	53	60PPV-SE2-06BLK.....	56	4040.....	21
50ACV-SB3-06.....	53	60PPV-SE2-08.....	56	4050.....	23
50BAC-S1-04.....	51	60PPV-SE2-08BLK.....	56	4060.....	23
50BAC-S2-05LB.....	51	60PPV-SE3-06.....	57	5050.....	21
50BAC-S2-06LB.....	51	60PPV-SE3-08.....	57	5060.....	23
50BAC-S8-04.....	52	60PS-PE1-08.....	55	6060.....	21
50BAC-S8-06.....	52	60PS-PE4-06.....	55	16210.....	109
50BAC-S9-06LB.....	51	60PS-PE22-06.....	55	16220.....	109
50BACV-SB3-05.....	53	60PS-S2-08.....	54	16230.....	109

16240.....	<b>109</b>	BDMK .....	<b>115</b>	CPAX150 .....	<b>83</b>
16250.....	<b>109</b>	BDML220.....	<b>114</b>	CPAX300 .....	<b>84</b>
16410.....	<b>109</b>	BDML420.....	<b>114</b>	CPAX400 .....	<b>84</b>
16420.....	<b>109</b>	BDMM6.....	<b>115</b>	CPN75 .....	<b>84</b>
16430.....	<b>109</b>	BDMR210.....	<b>114</b>	CPT90.....	<b>85</b>
16445.....	<b>109</b>	BDMR220.....	<b>114</b>	CPT100.....	<b>85</b>
16450.....	<b>109</b>	BDMR230.....	<b>114</b>	CPT110.....	<b>85</b>
18210.....	<b>110</b>	BDMR240.....	<b>114</b>	CPX150.....	<b>84</b>
18220.....	<b>110</b>	BDMR445.....	<b>114</b>	Custom Quick Connect Solutions.....	<b>65</b>
18230.....	<b>110</b>	BDMT210.....	<b>114</b>	CYLINDRAFlow™ Manifolds.....	<b>88</b>
18240.....	<b>110</b>	BDMT220.....	<b>114</b>	D.....	<b>103</b>
18410.....	<b>110</b>	BDMT230.....	<b>114</b>	DC.....	<b>22</b>
18420.....	<b>110</b>	BDMT410.....	<b>114</b>	DCV114 .....	<b>69</b>
18430.....	<b>110</b>	BDMT420.....	<b>114</b>	DCV115 .....	<b>69</b>
18445.....	<b>110</b>	BDMT430.....	<b>114</b>	DCV118 .....	<b>69</b>
AA.....	<b>21</b>	BDMX.....	<b>115</b>	DCV125 .....	<b>69</b>
ABR004 .....	<b>107</b>	BioClamp® .....	<b>80</b>	DD.....	<b>21</b>
ABR007 .....	<b>107</b>	BioProcessing Check Valves.....	<b>77</b>	Divert™ Stopcocks.....	<b>72</b>
ABR013 .....	<b>107</b>	BioProcessing Fittings.....	<b>74</b>	Double Check Valves .....	<b>69</b>
ABSML.....	<b>17</b>	BioValve®.....	<b>81</b>	Elbow Connectors.....	<b>24, 96</b>
AC.....	<b>22</b>	Blood Pressure Fittings .....	<b>33, 100</b>	Enteral Connectors .....	<b>33</b>
AD .....	<b>22</b>	BPA025.....	<b>101</b>	ENTFTC.....	<b>33</b>
AF7500753.....	<b>116</b>	BPA035.....	<b>101</b>	ENTM230 .....	<b>33</b>
B.....	<b>103</b>	BPC240 .....	<b>101</b>	FCFFM-017 .....	<b>73</b>
Bag Ports.....	<b>74</b>	BPCL220 .....	<b>101</b>	FCFFM-020 .....	<b>73</b>
Barb Dimensions .....	<b>120</b>	BPCL240 .....	<b>101</b>	FCFFMR-007 .....	<b>73</b>
Barb Performance .....	<b>122</b>	BPCL250 .....	<b>101</b>	FCFM-006.....	<b>73</b>
BDF16.....	<b>115</b>	BPF230.....	<b>100</b>	FCFMR-001 .....	<b>73</b>
BDF18.....	<b>115</b>	BPF240.....	<b>100</b>	FCHPFFMR-003.....	<b>73</b>
BDFM6.....	<b>115</b>	BPF Series Properties & Performance .....	<b>127</b>	FCHPFFMR-002.....	<b>73</b>
BDFS.....	<b>115</b>	BPLF240.....	<b>100</b>	FCLBFFMR-1A-003 .....	<b>73</b>
BDJ05.....	<b>113</b>	BPLM230 .....	<b>100</b>	FCLBFMR-001 .....	<b>73</b>
BDJ06.....	<b>113</b>	BPLM240 .....	<b>100</b>	FCVFFM-008 .....	<b>34, 73</b>
BDJ07.....	<b>113</b>	BPM013.....	<b>33, 101</b>	FCVFM-001 .....	<b>34, 73</b>
BDJ08.....	<b>113</b>	BPM025.....	<b>33, 101</b>	FLB035.....	<b>119</b>
BDJ09.....	<b>113</b>	BPM035.....	<b>33, 101</b>	FLB055.....	<b>119</b>
BDJ10.....	<b>113</b>	BPM240.....	<b>33, 101</b>	FLBP .....	<b>119</b>
BDJ11.....	<b>113</b>	BPMB230.....	<b>33, 101</b>	FMD5P670-001 .....	<b>88</b>
BDJ13.....	<b>113</b>	BSFTLL.....	<b>18</b>	FSLLR .....	<b>12, 15</b>
BDJ14.....	<b>113</b>	BSMLRL.....	<b>17</b>	FTL10 .....	<b>14</b>
BDJ15.....	<b>113</b>	Build-a-Part Fittings .....	<b>112</b>	FTL20 .....	<b>14</b>
BDJ16.....	<b>113</b>	C.....	<b>103</b>	FTL30 .....	<b>14</b>
BDJ17.....	<b>113</b>	CC.....	<b>21</b>	FTL210 .....	<b>14</b>
BDJ18.....	<b>113</b>	CCLR.....	<b>19, 31</b>	FTL220 .....	<b>14</b>
BDJ19.....	<b>113</b>	CCR.....	<b>19</b>	FTL230 .....	<b>15</b>
BDJ20.....	<b>113</b>	CF229 .....	<b>101</b>	FTL240 .....	<b>15</b>
BDJ21.....	<b>113</b>	CF230 .....	<b>101</b>	FTLB210.....	<b>19</b>
BDJ22.....	<b>113</b>	CF494 .....	<b>96</b>	FTLB220.....	<b>19</b>
BDM16.....	<b>115</b>	Check Valves.....	<b>66</b>	FTLB230.....	<b>19</b>
BDM18.....	<b>115</b>	Chemical Resistance of Resin .....	<b>128</b>	FTLC .....	<b>15</b>
BDMFTLL.....	<b>114</b>	CPAN75 .....	<b>83</b>	FTLE .....	<b>15</b>

FTLL004.....	13	KL410.....	104	LT878.....	15
FTLL007.....	13	KL420.....	104	Luers.....	10
FTLL013.....	13	KL430.....	104	M5210.....	108
FTLL025.....	14	KN.....	106	M5220.....	108
FTLL035.....	14	KP.....	106	M5230.....	108
FTLL055.....	14	KT210.....	105	M5240.....	108
FTLL210.....	13	KT220.....	105	M6210.....	108
FTLL220.....	13	KT230.....	105	M6220.....	108
FTLL230.....	13	KT410.....	105	M6230.....	108
FTLL240.....	14	KT420.....	105	M6240.....	108
FTLL250.....	14	KT430.....	105	M6250.....	108
FTLL360.....	14	L10.....	24	M6410.....	108
FTLL410.....	13	L20.....	24	M6420.....	108
FTLL420.....	13	L30.....	24	M6430.....	108
FTLL430.....	13	L40.....	24	M6445.....	108
FTLL445.....	14	L50.....	24	M6450.....	108
FTLL450.....	14	L60.....	24	Manifold Connectors.....	29, 99
FTLLB210.....	18	L070.....	96	MLB035.....	119
FTLLB220.....	18	L070/055.....	96	MLB055.....	119
FTLLB230.....	18	L080.....	96	MLB065.....	119
FTLLBMLRL.....	18	L080/070.....	96	MLBC8.....	119
FTLLC.....	15	L090.....	96	MLBP.....	119
FTLLE.....	15	L100.....	96	MLRL004.....	12
FTLLP.....	16	L100/080.....	96	MLRL007.....	12
FTLLSB004.....	14	L110.....	96	MLRL013.....	12
FTLLSB007.....	14	L110/100.....	96	MLRL025.....	12
FTLLSB013.....	14	L210.....	24	MLRL035.....	12
FTLP.....	16	L220.....	24	MLRL055.....	12
FTLT.....	15	L220/210.....	25	MLRLB210.....	19
G40MPGR-TF150.....	93	L230.....	24	MLRLB220.....	19
G40RX-PX-0400.....	94	L230/210.....	25	MLRLB230.....	19
G424TRX-0300.....	93	L230/220.....	25	MLRLC.....	15
Gaskets.....	93	L410.....	24	MLRLP.....	16
GM4749TRX-0600.....	94	L420.....	24	MLSL007.....	12
GMN75.....	93	L430.....	24	MLSL013.....	12
GMN450.....	93	L430/420.....	25	MLSLP.....	16
GMX150.....	93	L440.....	24	MQCF230.....	60
GMX455.....	93	L6110.....	96	MQCF240.....	60
Intravascular Fittings.....	34	Large Tube Fittings.....	95	MQCF250.....	60
ISO 80369 Compliant Connectors.....	32	LC34.....	15	MQCMF230.....	60
K210.....	103	LC78.....	15	MQCMF240.....	60
K220.....	103	LE87.....	15	MQCMF250.....	60
K230.....	103	LE7220.....	15	MQCRM230.....	60
K240.....	103	LE7230.....	15	MQCRM240.....	60
K410.....	103	LLDPE02-1019M.....	116	MQCRM250.....	60
K420.....	103	LLDPE02-2031M.....	116	MSL004.....	13
K430.....	103	LLDPE02-3031M.....	116	MSL007.....	13
K445.....	103	LNS.....	19, 31	MSL013.....	13
KFTLL.....	18	LP4.....	16	MSL035.....	13
KL210.....	104	LP34.....	16	MTLCS.....	15
KL230.....	104	LT787.....	15	MTLL004.....	11

MTLL007 .....	11	N090 .....	95	NVFMLLS-001 .....	71
MTLL013 .....	11	N090/055 .....	95	NVFMMLPC .....	71
MTLL025 .....	11	N090/070 .....	95	NVFMMLPCB .....	71
MTLL035 .....	11	N100 .....	95	NVfy42S-001 .....	71
MTLL055 .....	11	N100/080 .....	95	NVfy401CP .....	71
MTLL210 .....	11	N110 .....	95	NVfy401PC .....	71
MTLL220 .....	11	N110/100 .....	95	NVM41S-001 .....	71
MTLL230 .....	11	N210 .....	21	Opposing Barb Ports .....	78
MTLL240 .....	11	N220 .....	21	Panel Mount Instructions .....	127
MTLL250 .....	11	N220/210 .....	22	PharmaLok™ Clamps .....	82
MTLL360 .....	11	N230 .....	21	PIP10 .....	30
MTLL410 .....	11	N230/210 .....	22	PIP20 .....	30
MTLL420 .....	11	N230/220 .....	22	PIP30 .....	30
MTLL430 .....	11	N410 .....	21	PIP40 .....	30
MTLL445 .....	11	N420 .....	21	PIP50 .....	30
MTLL450 .....	11	N420/410 .....	22	PIP60 .....	30
MTLLP .....	16	N430 .....	21	PIP070 .....	99
MTLLPV-6005 .....	16, 34	N430/410 .....	22	PIP080 .....	99
MTLP .....	16	N430/420 .....	22	PIP210 .....	30
MTLS210 .....	13	N440 .....	21	PIP220 .....	30
MTLS220 .....	13	N670 .....	95	PIP230 .....	30
MTLS230 .....	13	N670/630 .....	95	PIP240 .....	30
MTLS240 .....	13	N670/655 .....	95	PIP670 .....	99
MTLSP .....	16	N680 .....	95	PIP680 .....	99
N004 .....	21	N680/655 .....	95	PIP6100 .....	99
N007 .....	21	N680/670 .....	95	PIP6110 .....	99
N007/004 .....	22	N690 .....	95	Plug Connectors .....	30, 99
N013 .....	21	N690/655 .....	95	PM4N .....	63
N013/004 .....	22	N6100 .....	95	PMK210 .....	31
N013/007 .....	22	N6100/670 .....	95	PMK220 .....	31
N025 .....	21	N6100/680 .....	95	PMKN .....	19, 31
N025/004 .....	22	N6110 .....	95	PMS230 .....	31
N025/007 .....	22	N6110/680 .....	95	PMS230-210 .....	31
N025/013 .....	22	N6110/6100 .....	95	PMSN .....	19, 31, 101
N035 .....	21	N6150 .....	95	PVCA1190035 .....	117
N035/007 .....	22	N6150/6110 .....	95	PVCA1190049 .....	117
N035/013 .....	23	Needlefree Swabable Valves .....	70	PVCA1190126 .....	117
N035/025 .....	23	NEFC-50 .....	34	PVCA1190189 .....	117
N055 .....	21	NEFC-8012 .....	34	PVCA1190203 .....	117
N055/013 .....	23	NEFCV-50 .....	34	PVCA1190280 .....	117
N055/025 .....	23	NEFCV-9010 .....	34	PVCA1190357 .....	117
N055/035 .....	23	NEFE21-9010 .....	34	Quick Connect Couplings .....	36
N065 .....	21	NEFE31-9010 .....	34	Quick Connect Performance Ratings .....	123
N065/035 .....	23	NEME31-9010 .....	34	RB01 .....	114
N065/055 .....	23	NEMP-50 .....	34	Resin Sterilization Stability .....	130
N070 .....	95	Neuraxial Connectors .....	34	RMLLR .....	114
N070/013 .....	95	NVF13VPC .....	70	RQCF655 .....	61
N070/055 .....	95	NVFBGPC .....	71	RQCF670 .....	61
N080 .....	95	NVFBV60PC .....	71	RQCFC .....	61
N080/055 .....	95	NVFMLLCP .....	71	RQCFLC .....	61
N080/070 .....	95	NVFMMLPC .....	71	RQCM655 .....	61

RQCM670.....	61	SCV67230/220.....	68	SFMX6150.....	90
RQCMP.....	61	SCV67230/ML.....	68	SFMXC.....	92
RQXF670.....	61	SDAFCNPS.....	87	SFTL.....	18
RQXF680.....	61	SDAM655NPS.....	86	SFTLL.....	18
RQXFC.....	61	SDAM670NPS.....	87	SILC7001422.....	117
RQXM670.....	61	SDAM680NPS.....	87	SILC7001657.....	117
RQXM680.....	61	SDAMPNPS.....	87	SILC7001839.....	117
RQXMP.....	61	SDAVF655NPS.....	86	SILPG7021041.....	117
S10.....	106	SDAVF670NPS.....	87	SILPG7021042.....	117
S20.....	106	SDAVF680NPS.....	87	SILPG7021043.....	117
S40.....	107	SDAVM655NPS.....	86	SILPG7021044.....	117
S50.....	107	SDAVM670NPS.....	87	SMTLL.....	17
S220.....	106	SDAVM680NPS.....	87	SP.....	107
S230.....	106	SFBP630.....	75	Spaulding™ Aseptic Disconnects.....	86
S240.....	107	SFBP635/635.....	78	Straight Connectors.....	21, 95
S250.....	107	SFBP655.....	75	T10.....	25
S410.....	106	SFBP655/655.....	78	T013.....	26
S420.....	106	SFBP670.....	75	T20.....	25
S430.....	107	SFBP670/670.....	78	T30.....	25
S445.....	107	SFBP680.....	75	T40.....	26
S450.....	107	SFBP680/680.....	78	T055.....	26
Sanitary Fittings.....	89	SFBP6100.....	75	T60.....	26
SBLF013.....	62	SFBP6100/6100.....	78	T070.....	97
SBLF035.....	62	SFBP6110.....	75	T070/055.....	97
SBLM013.....	62	SFBPF1.....	76	T080.....	97
SBLM035.....	62	SFBPF3.....	76	T080/055.....	97
SBLMFBG013.....	62	SFBPF4.....	76	T080/070.....	97
SBLMFBG035.....	62	SFM2X6110.....	90	T100.....	97
SBLMFGB013.....	62	SFM2X6150.....	91	T100/080.....	97
SBLMFGB035.....	62	SFM2XC.....	92	T110.....	97
SCV67FL/220.....	68	SFM2XY.....	91	T110/100.....	97
SCV67FL/230.....	68	SFM3C.....	77	T210.....	25
SCV655U50C050.....	77	SFM3X6110.....	91	T210/220.....	26
SCV06246.....	66	SFM3XC.....	92	T210/230.....	26
SCV06252.....	66	SFM4C.....	77	T220.....	25
SCV06264.....	67	SFM100/SFM075.....	92	T220/210.....	26
SCV06265.....	67	SFM150/SFM075.....	92	T220/230.....	26
SCV06308.....	67	SFM150/SFM100.....	92	T220R210.....	26
SCV06329.....	67	SFM200/SFM075.....	92	T230.....	26
SCV06397.....	67	SFM200/SFM150.....	92	T230/210.....	27
SCV06398.....	67	SFMN630.....	89	T230/220.....	27
SCV08053.....	67	SFMN655.....	89	T230R210.....	27
SCV10090.....	67	SFMN670.....	89	T230R220.....	27
SCV17090.....	67	SFMN680.....	89	T250.....	26
SCV21053.....	67	SFMN6100.....	89	T360/220.....	27
SCV22050.....	67	SFMNC.....	92	T360/230.....	27
SCV23050.....	68	SFMX655.....	90	T360/250.....	27
SCV67220.....	68	SFMX670.....	90	T410.....	25
SCV67220/230.....	68	SFMX680.....	90	T410/420.....	26
SCV67220/ML.....	68	SFMX6100.....	90	T410/430.....	26
SCV67230.....	68	SFMX6110.....	90	T420.....	25

T420/410 .....	26	VNG300WHT .....	80	Y210.....	28
T420R410.....	26	VNG400WHT .....	80	Y220.....	28
T430.....	26	VNG600WH.....	80	Y230.....	28
T430/410 .....	27	VNG800WH.....	80	Y240.....	28
T430/420 .....	27	VPM1060200N .....	119	Y250.....	28
T430R410.....	27	VPM1080303N .....	119	Y260.....	28
T670.....	97	VPM2930601N .....	119	Y410.....	28
T670/655 .....	97	VPS3901074N .....	119	Y420.....	28
T680.....	97	VPS5069200N .....	119	Y430.....	28
T680/655 .....	97	VPS5401001N .....	68	Y450.....	28
T680/670 .....	97	VPS5401020N .....	68	Y460.....	28
T690.....	97	VPS5401036SN .....	68	Y630/655.....	98
T6100 .....	97	VPS5401068N .....	68	Y655/670.....	98
T6100/670 .....	97	X10 .....	103	Y670.....	98
T6100/680 .....	97	X210.....	103	Y670/680.....	98
T6110 .....	97	X220.....	103	Y680.....	98
T6110/6100.....	97	X230.....	103	Y690.....	98
T6150 .....	97	X240.....	103	Y6100.....	98
T6150/6100.....	97	X410.....	103	Y6100/6110 .....	98
T6150/6110 .....	97	X420.....	103	Y6110.....	98
Tapered Seal.....	118	X430.....	103	Y6150.....	98
Technical Information .....	120	X445.....	103	Y Connectors .....	28, 98
Tee Connectors.....	25, 97	XFTL.....	18		
Threaded Connectors.....	102	XFTLL.....	18		
TR30/50-PK5.....	35, 79	XL210.....	104		
TR55/70-PK5.....	35, 79	XL220.....	104		
TR80/100-PK5.....	35, 79	XL230.....	104		
Trademarks.....	131	XL410.....	104		
TSC2F210 .....	118	XL420.....	104		
TSC2FB230.....	118	XMTLL .....	17		
TSC2M210 .....	118	XN .....	106		
TSC2MP.....	119	XQCLM770.....	63		
Tube Clamps .....	85	XQCM755.....	63		
Tube Fittings.....	20	XQCM770.....	63		
Tubing.....	116	XQCVM755.....	63		
Tubing Retainers.....	35, 79	XQCVM765.....	63		
U10 .....	31	XQCVM770.....	63		
U20 .....	31	XQSVF755 .....	63		
U30 .....	31	XQSVF765 .....	63		
UR00-1031C.....	117	XQSVF770 .....	63		
UR00-1031M .....	117	XT210 .....	105		
UR00-2047C .....	117	XT410 .....	105		
UR00-2047M .....	117	XT420 .....	105		
UR00-3062C .....	117	XT430 .....	105		
UR00-3062M .....	117	Y013.....	28		
VBV0500NW .....	81	Y055.....	28		
VBV1000NW .....	81	Y070.....	98		
VLP4 .....	16	Y080.....	98		
VNG075WHT .....	80	Y090.....	98		
VNG150WHT .....	80	Y100.....	98		
VNG200WHT .....	80	Y110.....	98		

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