



# MASTERFLEX®

## PURI-FLEX™ PUMP TUBING

### HIGH-PERFORMANCE AND LONG-LIFE TUBING FOR HIGH-PURITY APPLICATIONS

**NEW**

**non-DEHP**

**ANIMAL DERIVED  
INGREDIENT FREE**

#### THE PURE CHOICE!

- Contains no DEHP phthalates or halogen plasticizers
- No animal-derived components
- Ultralow extractables or leachables
- Low spallation (particle release) to product
- Low protein binding
- Translucent for sample viewing
- Meets the following classifications: USP Class VI, FDA 21 CFR 177.2600, ISO 10993 Part 4 (nonhemolytic) and Part 5 (noncytotoxic), and ISO 9001 cleanroom manufacture

#### MORE DURABLE THAN OTHER FLEXIBLE TUBING

- Autoclave multiple times at the new higher 135°C standard or sterilize by ethylene oxide or gamma irradiation to 45 kGy
- Soft and flexible for long life in Masterflex peristaltic pumps
- Temperature range: -50 to 135°C (-58 to 275°F)
- Good chemical resistance

#### COST-EFFECTIVE SOLUTION FOR YOUR TUBING NEEDS





**FREE TECHNICAL  
APPLICATIONS ASSISTANCE!**

**In the U.S.**

625 E. Bunker Court  
 Vernon Hills, IL 60061  
 Call toll-free 800-323-4340  
 Phone: 847-549-7600  
 Fax: 847-247-2929  
 www.coleparmer.com

**In Canada**

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 Fax: 514-355-7119  
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 Phone: 020-8574-7556  
 Fax: 020-8574-7543  
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**International customers**

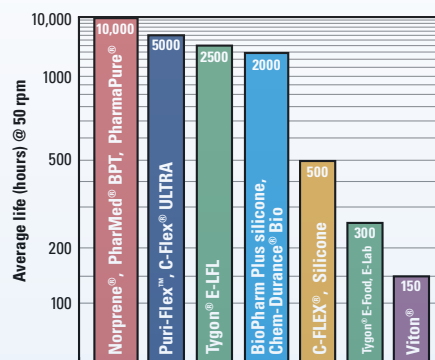
Call 847-549-7600 to reach our  
 International Sales Department  
 or contact your local dealer.

- Cell and tissues culture work
- Pharmaceutical
- Biotech applications
- General-purpose lab

## PERFORMANCE SPECIFICATIONS

- Shore A hardness: 68
- Low permeability: Barrier 02 (CC/MIL/100)|N2/ATM/Day) = 2260
- Thermally weldable and sealable
- RoHS- and REACH-compliant and produces no toxic emissions when incinerated

**Tubing Material Life Comparison**



### Masterflex® Tubing Sizes

Catalog number	Tubing size	Hose barb in. (mm)	Ft/pk
<b>L/S® Precision pump tubing</b>			
<a href="#">MK-96419-13</a>	L/S 13	1/16 (1.6)	25
<a href="#">MK-96419-14</a>	L/S 14	1/16 (1.6)	
<a href="#">MK-96419-16</a>	L/S 16	1/8 (3.2)	
<a href="#">MK-96419-25</a>	L/S 25	3/16 (4.8)	
<a href="#">MK-96419-17</a>	L/S 17	1/4 (6.4)	
<a href="#">MK-96419-18</a>	L/S 18	3/8 (9.5)	
<b>L/S® High-Performance Precision pump tubing</b>			
<a href="#">MK-96419-15</a>	L/S 15	3/16 (4.8)	25
<a href="#">MK-96419-24</a>	L/S 24	1/4 (6.4)	
<a href="#">MK-96419-35</a>	L/S 35	3/8 (9.5)	
<a href="#">MK-96419-36</a>	L/S 36	3/8 (9.5)	
<b>I/P® Precision pump tubing</b>			
<a href="#">MK-96419-26</a>	I/P 26	1/4 (6.4)	25
<a href="#">MK-96419-73</a>	I/P 73	3/8 (9.5)	
<a href="#">MK-96419-82</a>	I/P 82	1/2 (12.8)	
<b>I/P® High-Performance Precision pump tubing</b>			
<a href="#">MK-96419-70</a>	I/P 70	3/8 (9.5)	10
<a href="#">MK-96419-88</a>	I/P 88	1/2 (12.8)	
<a href="#">MK-96419-89</a>	I/P 89	5/8 (15.9)	
<b>B/T® PerfectPosition™ pump tubing</b>			
<a href="#">MK-96419-87</a>	B/T 87	3/8 (9.5)	10
<a href="#">MK-96419-91</a>	B/T 91	3/4 (19.1)	

### Microbore/Auto Analysis Tubing Sizes

Catalog number	Dimensions: in. (mm)			Fits needle gauge	Ft/pk
	ID	OD	Wall		
<a href="#">MK-96418-10</a>	0.008 (0.19)	0.080 (2.03)	0.036 (0.91)	33	50
<a href="#">MK-96418-12</a>	0.010 (0.25)	0.082 (2.08)	0.036 (0.91)	30	
<a href="#">MK-96418-18</a>	0.020 (0.51)	0.096 (2.44)	0.036 (0.91)	24	
<a href="#">MK-96418-26</a>	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
<a href="#">MK-96418-30</a>	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	50
<a href="#">MK-96418-34</a>	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
<a href="#">MK-96418-42</a>	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
<a href="#">MK-96418-48</a>	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	



For further information,  
 go to [ColeParmer.com/Masterflex](http://ColeParmer.com/Masterflex)