



# MASTERFLEX®

## TYGON® E-LFL PUMP TUBING

### ONE TUBING FORMULATION FOR OUR ONE WORLD

New and improved successor to  
Masterflex® Tygon® Long Flexible Life  
(LFL) tubing

**NEW**



- **No BPA or phthalates**—environmentally responsible, more sustainable, and safer for products, people, and the planet
- Non-DEHP tubing is **perfect for laboratory, food & beverage, and biopharmaceutical applications**—bio based plasticizer
- **Longest peristaltic pump life** of any clear Tygon® tubing
- **Broad chemical resistance** permits the transfer of a wide variety of fluids making E-LFL a great universal tubing choice
- **Extremely low spallation** for reduced fluid contamination
- Meets **USP Class VI, EP 3.2.9, ISO 10993, and FDA** requirements\*
- Complies with many **European Food** directives/subdirectives\* with some tests still ongoing
- **Safe and nontoxic tubing** can be sterilized via ethylene oxide gas or autoclave
- **Available in all Masterflex® sizes** to ensure the best performance when used with Masterflex peristaltic pumps

\*Contact Cole-Parmer for a validation binder with up-to-date test results and compliance certificates.

## 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](http://www.coleparmer.com)

## In Canada

Call toll-free 800-363-5900  
 Phone: 514-355-6100  
 Fax: 514-355-7119  
[www.coleparmer.ca](http://www.coleparmer.ca)

## In India

Phone: 91-22-6716-2222  
 Fax: 91-22-6716-2211  
[www.coleparmer.in](http://www.coleparmer.in)

## In the United Kingdom

Free phone: 0500-345-300  
 Phone: 020-8574-7556  
 Fax: 020-8574-7543  
[www.coleparmer.co.uk](http://www.coleparmer.co.uk)

## International customers

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



**FREE TECHNICAL  
 APPLICATIONS ASSISTANCE!**

## APPLICATIONS

- General laboratory
- Production filtration and fermentation
- Food, beverage, and cosmetic processing
- Biopharmaceutical
- Highly viscous fluid pumping

## PERFORMANCE SPECIFICATIONS

- Temperature range — Static: -55 to 74°C (67 to 165°F);  
 Dynamic (pumping): 0 to 40°C (32 to 105°F)
- Peristaltic pumping life<sup>†</sup> — 1000 hours @ 0 psi;  
 600 hours @ 10 psi; 200 hours @ 15 psi; 150 hours @ 25 psi

<sup>†</sup>Tested until failure with equivalent to #17 tubing size in a 3-roller peristaltic pump at 600 rpm and 22°C (73°F) room temperature.



Catalog number	Tubing size	Hose barb	Quantity/pk
<b>L/S® Precision pump tubing</b>			
<a href="#">MK-06440-13</a>	L/S 13	1.6 mm (1/16")	7.6 m (25 ft)
<a href="#">MK-06440-14</a>	L/S 14	1.6 mm (1/16")	
<a href="#">MK-06440-16</a>	L/S 16	3.2 mm (1/8")	
<a href="#">MK-06440-25</a>	L/S 25	4.8 mm (3/16")	7.6 m (25 ft)
<a href="#">MK-06440-17</a>	L/S 17	6.4 mm (1/4")	
<a href="#">MK-06440-18</a>	L/S 18	9.5 mm (3/8")	
<b>L/S® High-Performance Precision pump tubing</b>			
<a href="#">MK-06440-15</a>	L/S 15	4.8 mm (3/16")	7.6 m (25 ft)
<a href="#">MK-06440-24</a>	L/S 24	6.4 mm (1/4")	
<a href="#">MK-06440-35</a>	L/S 35	9.5 mm (3/8")	
<a href="#">MK-06440-36</a>	L/S 36	9.5 mm (3/8")	
<b>I/P® Precision pump tubing</b>			
<a href="#">MK-06440-26</a>	I/P 26	6.4 mm (1/4")	7.6 m (25 ft)
<a href="#">MK-06440-73</a>	I/P 73	9.5 mm (3/8")	
<a href="#">MK-06440-82</a>	I/P 82	12.7 mm (1/2")	
<b>I/P® High-performance Precision pump tubing</b>			
<a href="#">MK-06440-70</a>	I/P 70	9.5 mm (3/8")	7.6 m (25 ft)
<a href="#">MK-06440-88</a>	I/P 88	12.7 mm (1/2")	
<a href="#">MK-06440-89</a>	I/P 89	15.88 mm (5/8")	
<b>B/T® pump tubing</b>			
<a href="#">MK-06440-87</a>	B/T 87	12.7 mm (1/2")	3.0 m (10 ft)
<a href="#">MK-06440-91</a>	B/T 91	19.0 mm (3/4")	

**For further information,  
 go to [ColeParmer.com/Masterflex](http://ColeParmer.com/Masterflex)  
 or call 800-323-4340**