



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

 **Cole-Parmer®**
scientific experts



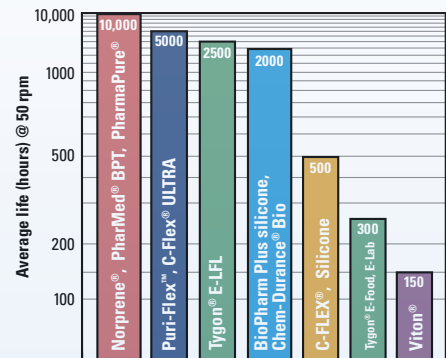
**FREE TECHNICAL
 APPLICATIONS ASSISTANCE!**

- Cell and tissues culture work
- Biotech applications
- Pharmaceutical
- 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
L/S® Precision pump tubing			
MK-96419-13	L/S 13	1/16 (1.6)	25
MK-96419-14	L/S 14	1/16 (1.6)	
MK-96419-16	L/S 16	1/8 (3.2)	
MK-96419-25	L/S 25	3/16 (4.8)	
MK-96419-17	L/S 17	1/4 (6.4)	
MK-96419-18	L/S 18	3/8 (9.5)	
L/S® High-Performance Precision pump tubing			
MK-96419-15	L/S 15	3/16 (4.8)	25
MK-96419-24	L/S 24	1/4 (6.4)	
MK-96419-35	L/S 35	3/8 (9.5)	
MK-96419-36	L/S 36	3/8 (9.5)	
I/P® Precision pump tubing			
MK-96419-26	I/P 26	1/4 (6.4)	25
MK-96419-73	I/P 73	3/8 (9.5)	
MK-96419-82	I/P 82	1/2 (12.8)	
I/P® High-Performance Precision pump tubing			
MK-96419-70	I/P 70	3/8 (9.5)	10
MK-96419-88	I/P 88	1/2 (12.8)	
MK-96419-89	I/P 89	5/8 (15.9)	
B/T® PerfectPosition™ pump tubing			
MK-96419-87	B/T 87	3/8 (9.5)	10
MK-96419-91	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		
MK-96418-10	0.008 (0.19)	0.080 (2.03)	0.036 (0.91)	33	50
MK-96418-12	0.010 (0.25)	0.082 (2.08)	0.036 (0.91)	30	
MK-96418-18	0.020 (0.51)	0.096 (2.44)	0.036 (0.91)	24	
MK-96418-26	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
MK-96418-30	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	50
MK-96418-34	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
MK-96418-42	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
MK-96418-48	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	



For further information,
 go to ColeParmer.com/Masterflex