



MASTERFLEX[®]

GORE[®] HIGH-RESILIENCE TUBING- STYLE 400 FOR MASTERFLEX[®] PUMPS

UNIQUE STRUCTURE PROVIDES UNSURPASSED DURABILITY AND DEPENDABILITY



NEW

Stable flow rates over thousands of service hours for better process consistency

- Molded composite of expanded PTFE (ePTFE) and Viton[®] fluoroelastomer (FKM) maintains structural integrity against compression
- Minimal swelling in chemical service

Protects against catastrophic failure

- Expanded PTFE reinforcement provides top-of-the-line burst resistance up to 450 psi (31 bar)
- Provides greater security, reduced downtime, and lower total costs

Pump challenging fluids under challenging conditions

- Superior resistance to a wide range of chemicals, including aromatic hydrocarbons, alcohols (including methanol), steam, and concentrated acids
- Low spallation to maintain fluid purity
- Operate continuously at 60 psi (4.1 bar) or at 100 psi (6.8 bar) intermittently
- Use at temperatures from 32 to 390°F (0 to 200°C)



In the U.S.

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In India

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International customers

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

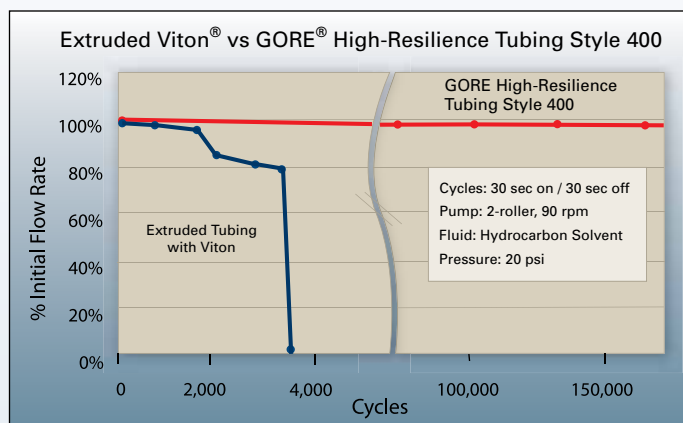
FREE TECHNICAL APPLICATIONS ASSISTANCE!

APPLICATIONS

- Printing
- Water treatment
- Wastewater treatment
- Pulp and paper
- Food and beverage
- Fine chemicals

PERFORMANCE SPECIFICATIONS

GORE High-Resilience Style 400 tubing is a molded composite ePTFE (expanded PTFE) and Viton type F fluoroelastomer (FKM) tubing that outperforms extruded peristaltic pump tubing formulations. Performance testing has shown that Style 400 tubing lasted 50 times longer than an extruded tube, with consistent flow throughout its useful life.



GORE High-Resilience Style 400 Tubing

	Precision Pump Tubing		High-Performance Precision Pump Tubing			
For Masterflex L/S® Pumps						
Catalog number	MK-06439-16	MK-06439-17	MK-06439-15	MK-06439-24	MK-06439-35	MK-06439-36
Masterflex pump tubing size	L/S 16	L/S 17	L/S 15	L/S 24	L/S 35	L/S 36
Inside diameter, in. (mm)	0.12 (3.1)	0.25 (6.4)	0.19 (4.8)	0.25 (6.4)	0.31 (7.9)	0.38 (9.7)
Hose barb size, in. (mm)	1/8 (3.1)	1/4 (6.4)	3/16 (4.8)	1/4 (6.4)	3/8 (9.5)	3/8 (9.5)
Maximum pressure, psi (bar)	60 (4.1)	60 (4.1)	100 (6.8)	100 (6.8)	60 (4.1)	60 (4.1)
Flow range with 1 to 600 rpm Value in () obtained with High-Performance pump head	0.8 to 480 mL/min	2.8 to 1700 mL/min	1.7 to 1000 mL/min (1.8 to 1100 mL/min)	2.8 to 1700 mL/min (3.0 to 1800 mL/min)	3.8 to 2300 mL/min (4.3 to 2600 mL/min)	4.8 to 2900 mL/min (5.8 to 3400 mL/min)
Length, in. (cm)	12 (30)	12 (30)	14 (35)	13.5 (34)	13 (33)	13 (33)
For Masterflex I/P® Pumps						
Catalog number	MK-06439-73	MK-06439-88				
Masterflex pump tubing size	I/P 73	I/P 88				
Inside diameter, in. (mm)	0.37 (9.5)	0.5 (12.7)				
Hose barb size, in. (mm)	3/8 (9.5)	1/2 (12.7)				
Maximum pressure, psi (bar)	100 (6.8)	100 (6.8)				
Flow range with 1 to 650 rpm	0.01 to 8 LPM	0.02 to 17 LPM				
Length, in. (cm)	24 (61)	24 (61)				
For Masterflex B/T® Pumps						
Catalog number	MK-06439-91					
Masterflex pump tubing size	B/T 91					
Inside diameter, in. (mm)	0.75 (19.0)					
Hose barb size, in. (mm)	3/4 (19.0)					
Maximum pressure, psi (bar)	100 (6.8)					
Flow range with 12 to 321 rpm	1.4 to 37 LPM					
Length, in. (cm)	27 (68)					

