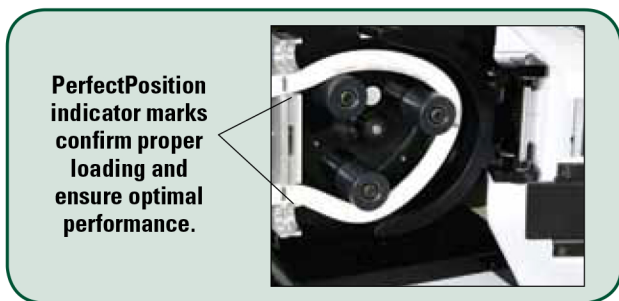


## B/T® PerfectPosition™ Pump Tubing for 77110- and 77111-Series Rapid-Load® Pump Heads

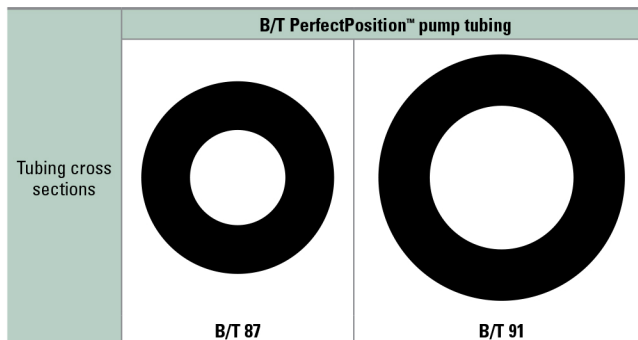
- Ensure optimal performance from your Masterflex pump
- PerfectPosition tubing retention marks indicate the exact placement of tubing in the pump head to provide the best performance and life of the tubing
- Custom extruded to fit 77110-series and 77111-series Masterflex B/T pumps and pump heads
- Engineered for long life in peristaltic pump applications

Masterflex B/T tubing sizes 87 and 91 are optimized to provide better performance in higher-pressure applications. Each tubing size is manufactured to extremely close tolerances that match our B/T pump heads. These tight tolerances ensure accurate, repeatable flow, and long tubing life. Plus, the PerfectPosition tubing retention marks indicate the best placement of the tubing within the pump head.

Choose from a variety of tubing formulations below to allow for optimal performance in the most challenging applications. For detailed formulation descriptions and specifications, see pages 1490–1499.



### Specifications



Pump tubing size	PerfectPosition™ pump tubing	
	B/T 87	B/T 91
Inside diameter (nominal)	12.7 mm (0.5")	19.0 mm (0.75")
Hose barb size	12.7 mm (½")	19.0 mm (¾")
Flow range (approximate) <sup>†</sup> with 11 to 321 rpm drive	0.67 to 18.9 LPM (0.17 to 5.0 GPM)	1.4 to 42 LPM (0.4 to 11.1 GPM)
Maximum pressure <sup>‡</sup>	2.4 bar (35 psi)	2.06 bar (30 psi)
Maximum vacuum <sup>‡</sup>	660 mm Hg (26" Hg)	
Suction lift <sup>‡</sup>	8.8 m H <sub>2</sub> O (29 ft H <sub>2</sub> O)	

<sup>†</sup>Determined under the following conditions: 0 bar (0 psi) at inlet, 0.03 bar (0.5 psi) at outlet; water temperature at 22°C (72°F). <sup>‡</sup>Actual performance varies depending on tubing formulation—values shown are for firm tubing.

### Ordering Information

Pump tubing formulation			B/T PerfectPosition pump tubing	
			B/T 87	B/T 91
Silicone (platinum-cured)	3.0 m (10 ft) per pack		<a href="#">T-96510-87</a> /pk	<a href="#">T-96510-91</a> /pk
Silicone (peroxide-cured)	3.0 m (10 ft) per pack		<a href="#">T-96400-87</a> /pk	<a href="#">T-96400-91</a> /pk
BioPharm Plus silicone (platinum-cured)	3.0 m (10 ft) per pack		<a href="#">T-96445-87</a> /pk	<a href="#">T-96445-91</a> /pk
Puri-Flex™	3.0 m (10 ft) per pack		<a href="#">T-96419-87</a> /pk	<a href="#">T-96419-91</a> /pk
C-FLEX®	3.0 m (10 ft) per pack		<a href="#">T-06424-87</a> /pk	<a href="#">T-06424-91</a> /pk
PharMed® BPT	3.0 m (10 ft) per pack		<a href="#">T-06507-87</a> /pk	<a href="#">T-06507-91</a> /pk
PharmaPure®	3.0 m (10 ft) per pack		<a href="#">T-06437-87</a> /pk	<a href="#">T-06437-91</a> /pk
Chem-Durance® Bio	3.0 m (10 ft) per pack		<a href="#">T-06443-87</a> /pk	<a href="#">T-06443-91</a> /pk
Tygon® E-LFL <b>NEW</b>	3.0 m (10 ft) per pack		<a href="#">T-06440-87</a> /pk	<a href="#">T-06440-91</a> /pk
Tygon® E-Food (B-44-4x) <b>NEW</b>	3.0 m (10 ft) per pack		<a href="#">T-06418-87</a> /pk	<a href="#">T-06418-91</a> /pk
Norprene® food (A 60 F)	3.0 m (10 ft) per pack		<a href="#">T-06399-87</a> /pk	<a href="#">T-06399-91</a> /pk
GORE® Style 100SC <b>NEW</b>	69 cm (27") per pack		<a href="#">T-96190-87</a> /pk	<a href="#">T-96190-91</a> /pk
GORE® Style 400 <b>NEW</b>	69 cm (27") per pack		—	<a href="#">T-06439-91</a> /pk