

# Thermo Scientific Masterflex B/T

## Tubing

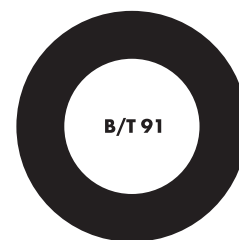
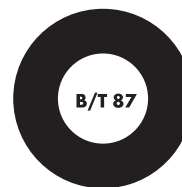
### Pump Tubing Formulation

		Perfect Position Pump Tubing	
		B/T 87	B/T 91
Silicone (platinum-cured)	10 ft (3.0 m) per pack*	96510-87	96510-91
Silicone (peroxide-cured)	10 ft (3.0 m) per pack*	96400-87	96400-91
BioPharm silicone (platinum-cured)	10 ft (3.0 m) per pack*	96421-87	96421-91
BioPharm Plus silicone (platinum-cured)	10 ft (3.0 m) per pack*	96441-87	96441-91
C-FLEX (50 A)	10 ft (3.0 m) per pack	6424-87	6424-91
PharMed BPT	25 ft (7.6 m) per pack	6508-87	6508-91
	3ft (0.9m) per pack	95668-87	95668-91
PharmPure	25 ft (7.6 m) per pack	6435-87	6435-91
Norprene (A 60 F)	25 ft (7.6 m) per pack	6402-87	6402-91
	3ft (0.9m) per pack	6403-87	6403-91
Tygon LFL	25 ft (7.6 m) per pack	6429-87	6429-91
	3ft (0.9m) per pack	6430-87	6430-91
Chemdurance BIO	25 ft (7.6 m) per pack	6442-87	6442-91

\*3 ft replacement tube sections available



### Cross Sections



### Specifications

Pump tubing size	Precision pump tubing	
	B/T 87	B/T 91
Inside diameter (nominal)	0.5" (12.7 mm)	0.75" (19.0 mm)
Hose barb size	<sup>1</sup> / <sub>2</sub> " (12.7 mm)	<sup>3</sup> / <sub>4</sub> " (19.0 mm)
Flow range (approximate)* with 3 to 321 rpm drive	0.3 to 17.7 LPM (0.08 to 4.7 GPM)	1 to 37 LPM (0.3 to 9.8 GPM)
Maximum pressure <sup>†</sup> , continuous	25 psi (1.7 bar)	22 psi (1.4 bar)
Maximum pressure <sup>†</sup> , intermittent	40 psi (2.7 bar)	35 psi (2.4 bar)
Maximum vacuum <sup>†</sup>	26" Hg (660 mm Hg)	
Suction lift <sup>†</sup>	29 ft H <sub>2</sub> O (8.8 m H <sub>2</sub> O)	

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