

Thermo Scientific Masterflex B/T

Tubing

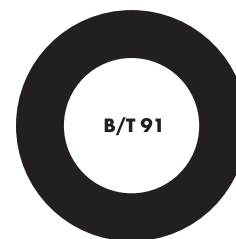
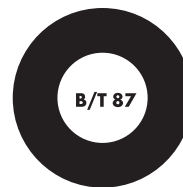
Pump Tubing Formulation

		PERFECTPOSITION 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	3 ft (0.9 m) per pack*	96424-87	96424-91
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
BioPharm Plus silicone	3 ft (0.9 m) per pack*	96424-87	96424-91
C-FLEX® (50 A)	10 ft (3.0 m) per pack	06424-87	06424-91
PHARMED® BPT	25 ft (7.6 m) per pack	06508-87	06508-91
	3ft (0.9m) per pack	95668-87	95668-91
PharmPure®	25 ft (7.6 m) per pack	06435-87	06435-91
NORPRENE® (A 60 F)	25 ft (7.6 m) per pack	06402-87	06402-91
	3ft (0.9m) per pack	06403-87	06403-91
TYGON® LFL	25 ft (7.6 m) per pack	06429-87	06429-91
	3ft (0.9m) per pack	06430-87	06430-91
Chem-Durance®	25 ft (7.6 m) per pack	06432-87	06432-91
Chem-Durance BIO	25 ft (7.6 m) per pack	06442-87	06442-91
Style 500 (Reinforced VITON®)	2.25 ft (0.7 m) per pack	N/A	06439-91

*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	1/2" (12.7 mm)	3/4" (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 [†] , continuous	25 psi (1.7 bar)	22 psi (1.4 bar)
Maximum pressure [†] , intermittent	40 psi (2.7 bar)	35 psi (2.4 bar)
Maximum vacuum [‡]	26" Hg (660 mm Hg)	
Suction lift [‡]	29 ft H ₂ O (8.8 m H ₂ O)	

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

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