

# Thermo Scientific Masterflex B/T

## Tubing

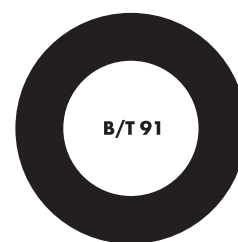
### Pump Tubing Formulation

|                                         |                         | 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> 1/2" (12.7 mm)                     | <sup>3</sup> 4" (19.0 mm) |
| Flow range (approximate)*                    | 0.3 to 17.7 LPM                                 | 1 to 37 LPM               |
| with 3 to 321 rpm drive                      | (0.08 to 4.7 GPM)                               | (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.