



**Very high temperature chemical resistant tubing**

**Excellent thermal, electrical and chemical resistance**

**Many colors available**

PTFE Tubing is the most versatile insulating material, offering highly stable electrical properties at virtually all electronic frequencies throughout an operating range of -70°C to 260°C. PTFE tubing is nontoxic and will not burn in normal atmosphere at any temperature, and is inert to practically all lubricants, solvents, and reagents. Electrical performance is excellent, offering extremely high dielectric strength even in the thinnest cross sections, with hot soldering irons and sub-zero environmental conditions having no effect. PTFE tubing possesses the lowest coefficient of friction of any known solid. It is also resistant to wicking, moisture absorption, or contamination from objectionable sources.

PTFE tubing is the material to specify when the reliability and dependability of an application at environmental, electrical, mechanical, and chemical extremes is paramount.

| Specifications:             |  |
|-----------------------------|--|
| Standard Wall               | AMS 3653B<br>MIL-I-22129<br>U/L 600 V                |
| Thin Wall                   | AMS 3655   |
| Light Wall                  | AMS 3654   |
| <b>Temperature Ratings:</b> | Melt Point 620°F<br>Continuous usage -275°F to 500°F |
| <b>FDA Recognition:</b>     | GFR 21.121.2555                                      |
| U/L Recognized              |  |

| Order Size | Inside Dia. | Wall Thickness (min/max) |            |            |
|------------|-------------|--------------------------|------------|------------|
|            |             | Standard                 | Thin       | Light      |
| 30         | .012"       | -                        | .007/.011" | .004/.008" |
| 28         | .015"       | -                        | .007/.011" | .004/.008" |
| 26         | .018"       | -                        | .007/.011" | .004/.008" |
| 24         | .022"       | .010/.014"               | .008/.012" | .004/.008" |
| 22         | .028"       | .010/.014"               | .008/.012" | .004/.008" |
| 20         | .034"       | .013/.019"               | .009/.015" | .004/.008" |
| 19         | .038"       | .013/.019"               | .009/.015" | .004/.008" |
| 18         | .042"       | .013/.019"               | .009/.015" | .004/.008" |
| 17         | .047"       | .013/.019"               | .009/.015" | .004/.008" |
| 16         | .053"       | .013/.019v               | .009/.015" | .004/.008" |
| 15         | .059"       | .013/.019"               | .009/.015" | .004/.008" |
| 14         | .066"       | .013/.019"               | .009/.015" | .006/.010" |
| 13         | .076"       | .013/.019"               | .009/.015" | .006/.010" |
| 12         | .085"       | .013/.019"               | .009/.015" | .006/.010" |
| 11         | .095"       | .013/.019"               | .009/.015" | .006/.010" |
| 10         | .106"       | .013/.019"               | .009/.015" | .006/.010" |
| 9          | .118"       | .016/.024"               | .011/.019" | .006/.010" |
| 1/8"       | .125"       | .016/.024"               | .011/.019" | .006/.010" |
| 8          | .133"       | .016/.024"               | .011/.019" | .006/.010" |
| 7          | .148"       | .016/.024"               | .011/.019" | .006/.010" |
| 6          | .166"       | .016/.024"               | .011/.019" | .007/.013" |
| 5          | .186"       | .016/.024"               | .011/.019" | .007/.013" |
| 4          | .208"       | .016/.024"               | .011/.019" | .007/.013" |
| 3          | .234"       | .016/.024"               | .011/.019" | .007/.013" |
| 1/4"       | .255"       | .016/.024"               | .011/.019" | .007/.013" |
| 2          | .263"       | .016/.024"               | .011/.019" | .007/.013" |
| 1          | .294"       | .016/.024"               | .011/.019" | .007/.013" |
| 5/16"      | .321"       | .016/.024"               | .011/.019" | .009/.015" |
| 0          | .330"       | .016/.024"               | .011/.019" | .009/.015" |
| 3/8"       | .387"       | .019/.031"               | .015/.025" | .010/.020" |
| 7/16"      | .451"       | .019/.031"               | .015/.025" | .013/.023" |
| 1/2"       | .515"       | .019/.031"               | .015/.025" | .013/.023" |
| 5/8"       | .643"       | .024/.036"               | .020/.030" | .015/.025" |
| 3/4"       | .772"       | .027/.043"               | .024/.036" | .015/.025" |
| 7/8"       | .875"       | .027/.043"               | -          | -          |
| 1"         | 1.000"      | .027/.043"               | -          | -          |
| 1-1/4"     | 1.250"      | .032/.048"               | -          | -          |
| 1-1/2"     | 1.500"      | .032/.048"               | -          | -          |