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## Peroxide Silicone Tubing



**Applications:** Pharmaceutical, biotechnology, food and beverage, aerospace, and general lab applications.

**Characteristics:** Peroxide-cured, excellent heat resistance, low compression set, odorless, nontoxic, translucent.

**Certification:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI requirements. Tubing is manufactured according to GMP.

**Temperature range:** –60 to 460°F (–51 to 238°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06411-59</a>	1/50 (0.5)	1/12 (2.1)	1/32 (0.8)	30 (2.1)	
<a href="#">TW-06411-60</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	31 (2.1)	
<a href="#">TW-06411-62</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-06411-63</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	14 (1.0)	
<a href="#">TW-06411-64</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-06411-67</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-06411-68</a>	1/8 (3.2)	3/8 (9.6)	1/8 (3.2)	25 (1.7)	
<a href="#">TW-06411-65</a>	5/32 (4.0)	7/32 (4.0)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-06411-66</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	9 (0.6)	
<a href="#">TW-06411-03</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-06411-69</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	22 (1.5)	
<a href="#">TW-06411-70</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	8 (0.6)	
<a href="#">TW-06411-71</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-06411-72</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-06411-74</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-06411-75</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06411-76</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	16 (1.1)	
<a href="#">TW-06411-77</a>	5/16 (8.0)	9/16 (14.4)	1/8 (3.2)	20 (1.4)	
<a href="#">TW-06411-12</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06411-78</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	12 (0.8)	
<a href="#">TW-06411-79</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	14 (1.0)	
<a href="#">TW-06411-80</a>	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	8 (0.6)	
<a href="#">TW-06411-19</a>	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-06411-55</a>	1/2 (12.8)	3/4 (19.2)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-06411-82</a>	5/8 (16.0)	13/16 (20.8)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-06411-58</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-06411-83</a>	3/4 (19.2)	1 (25.4)	1/8 (3.2)	9 (0.6)	

## Platinum Silicone Tubing



**Applications:** Pharmaceutical, biotechnology, aerospace, food and beverage, and general lab applications.

**Characteristics:** Platinum-cured, excellent heat resistance, low compression set, odorless, nontoxic, translucent.

**Certification:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI; exceeds 3A Sanitary Standards. Tubing is manufactured according to GMP.

**Temperature range:** –58 to 446°F (–50 to 230°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/7.6-m pk
	ID	OD	Wall		
<a href="#">TW-95802-00</a>	1/50 (0.5)	1/12 (2.1)	1/32 (0.8)	30 (2.1)	
<a href="#">TW-95802-01</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	31 (2.1)	
<a href="#">TW-95802-02</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-95802-03</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	14 (1.0)	
<a href="#">TW-95802-04</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-95802-05</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-95802-06</a>	1/8 (3.2)	3/8 (9.6)	1/8 (3.2)	25 (1.7)	
<a href="#">TW-95802-07</a>	5/32 (4.0)	7/32 (4.0)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-95802-08</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	9 (0.6)	
<a href="#">TW-95802-09</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-95802-10</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	22 (1.5)	
<a href="#">TW-95802-11</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	8 (0.6)	
<a href="#">TW-95802-12</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-95802-13</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-95802-14</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-95802-15</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-95802-16</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	16 (1.1)	
<a href="#">TW-95802-17</a>	5/16 (8.0)	9/16 (14.4)	1/8 (3.2)	20 (1.4)	
<a href="#">TW-95802-18</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-95802-19</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	12 (0.8)	
<a href="#">TW-95802-20</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	14 (1.0)	
<a href="#">TW-95802-21</a>	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	8 (0.6)	
<a href="#">TW-95802-22</a>	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-95802-23</a>	1/2 (12.8)	3/4 (19.2)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-95802-24</a>	5/8 (16.0)	13/16 (20.8)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-95802-25</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-95802-26</a>	3/4 (19.2)	1 (25.4)	1/8 (3.2)	9 (0.6)	

## Silastic® Laboratory Tubing



**Applications:** Pharmaceutical, biotech, filtration, and environmental analysis.  
**Characteristics:** Platinum-cured silicone, nonpyrogenic, bacteria and fungus-resistant, extremely low extractables, and does not impart a taste or odor.  
**Certifications:** Exceeds USP Class VI Plastics Test requirements, elastomer and tubing are manufactured under Bulk Pharmaceutical cGMPs in an FDA-registered, ISO-9002-certified facility.  
**Temperature range:** -65 to 480°F (-54 to 249°C)  
**Sterilize:** Autoclave or radiation.

Catalog number	Dimensions: in. (mm)			Price/ 15.2-m pk
	ID	OD	Wall	
<a href="#">TW-96115-00</a>	0.012 (0.3)	0.025 (0.6)	0.0065 (0.2)	
<a href="#">TW-96115-02</a>	0.02 (0.5)	0.037 (0.9)	0.0085 (0.22)	
<a href="#">TW-96115-04</a>	0.025 (0.6)	0.047 (1.2)	0.011 (0.3)	
<a href="#">TW-96115-06</a>	0.03 (0.8)	0.065 (1.7)	0.0175 (0.4)	
<a href="#">TW-96115-08</a>	0.04 (1)	0.085 (2.2)	0.0225 (0.6)	
<a href="#">TW-96115-10</a>	0.058 (1.5)	0.077 (2.0)	0.0095 (0.2)	
<a href="#">TW-96115-12</a>	0.062 (1.6)	0.095 (2.4)	0.0165 (0.4)	
<a href="#">TW-96115-14</a>	0.062 (1.6)	0.125 (3.2)	0.0315 (0.8)	
<a href="#">TW-96115-16</a>	0.078 (2)	0.125 (3.2)	0.0235 (0.6)	
<a href="#">TW-96115-18</a>	0.104 (2.6)	0.192 (4.9)	0.044 (1.1)	
<a href="#">TW-96115-20</a>	0.132 (3.4)	0.183 (4.6)	0.0255 (0.6)	
<a href="#">TW-96115-22</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	
<a href="#">TW-96115-24</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
<a href="#">TW-96115-26</a>	3/16 (4.8)	3/8 (9.5)	3/32 (2.4)	
<a href="#">TW-96115-28</a>	1/4 (6.4)	3/8 (9.5)	1/16 (1.6)	
<a href="#">TW-96115-30</a>	1/4 (6.4)	9/16 (11.1)	3/32 (2.4)	
<a href="#">TW-96115-32</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	
<a href="#">TW-96115-34</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	
<a href="#">TW-96115-36</a>	3/8 (9.5)	1/2 (12.8)	1/16 (1.6)	
<a href="#">TW-96115-38</a>	3/8 (9.5)	9/16 (14.3)	3/32 (2.4)	
<a href="#">TW-96115-40</a>	3/8 (9.5)	5/8 (15.9)	1/8 (3.2)	
<a href="#">TW-96115-42</a>	1/2 (12.8)	11/16 (17.5)	3/32 (2.4)	
<a href="#">TW-96115-44</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	
<a href="#">TW-96115-46</a>	5/8 (15.9)	7/8 (22.2)	1/8 (3.2)	

## Silicone Microbore Autoanalysis Tubing



Autoanalysis tubing is ideal for a variety of high-temperature applications. Biologically stable and autoclavable. Tubing elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI requirements.

Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/ 15.2-m pk
	ID	OD	Wall		
<b>Peroxide-cured silicone</b>					
<a href="#">TW-07625-22</a>	0.025 (0.64)	0.101 (2.57)	0.036 (0.91)	23	
<a href="#">TW-07625-24</a>	0.030 (0.76)	0.106 (2.69)	0.036 (0.91)	21	
<a href="#">TW-07625-26</a>	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
<a href="#">TW-07625-28</a>	0.040 (1.02)	0.116 (2.95)	0.036 (0.91)	19	
<a href="#">TW-07625-30</a>	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	
<a href="#">TW-07625-32</a>	0.051 (1.30)	0.127 (3.23)	0.036 (0.91)	18	
<a href="#">TW-07625-34</a>	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
<a href="#">TW-07625-36</a>	0.060 (1.52)	0.136 (3.45)	0.036 (0.91)	16	
<a href="#">TW-07625-38</a>	0.065 (1.65)	0.141 (3.58)	0.036 (0.91)	16	
<a href="#">TW-07625-40</a>	0.073 (1.85)	0.149 (3.78)	0.036 (0.91)	15	
<a href="#">TW-07625-42</a>	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
<a href="#">TW-07625-44</a>	0.090 (2.29)	0.166 (4.22)	0.036 (0.91)	13	
<a href="#">TW-07625-46</a>	0.100 (2.54)	0.176 (4.47)	0.036 (0.91)	12	
<a href="#">TW-07625-48</a>	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	
<b>Platinum-cured silicone</b>					
<a href="#">TW-95612-22</a>	0.025 (0.64)	0.101 (2.57)	0.036 (0.91)	23	
<a href="#">TW-95612-24</a>	0.030 (0.76)	0.106 (2.69)	0.036 (0.91)	21	
<a href="#">TW-95612-26</a>	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
<a href="#">TW-95612-28</a>	0.040 (1.02)	0.116 (2.95)	0.036 (0.91)	19	
<a href="#">TW-95612-30</a>	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	
<a href="#">TW-95612-32</a>	0.051 (1.30)	0.127 (3.23)	0.036 (0.91)	18	
<a href="#">TW-95612-34</a>	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
<a href="#">TW-95612-36</a>	0.060 (1.52)	0.136 (3.45)	0.036 (0.91)	16	
<a href="#">TW-95612-38</a>	0.065 (1.65)	0.141 (3.58)	0.036 (0.91)	16	
<a href="#">TW-95612-40</a>	0.073 (1.85)	0.149 (3.78)	0.036 (0.91)	15	
<a href="#">TW-95612-42</a>	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
<a href="#">TW-95612-44</a>	0.090 (2.29)	0.166 (4.22)	0.036 (0.91)	13	
<a href="#">TW-95612-46</a>	0.100 (2.54)	0.176 (4.47)	0.036 (0.91)	12	
<a href="#">TW-95612-48</a>	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	

## Tygon® BioPharm Silicone Tubing



**Formulation:** Tygon® 3350 silicone, platinum cured.  
**Applications:** Pharmaceutical, cosmetic, industrial, and auto-analysis applications.  
**Characteristics:** Ultra-smooth inner surface reduces particle entrapment and minimizes bacterial growth. Good for mild to medium concentration bases, salts, and alcohols; is odorless, tasteless, and nontoxic. Transparent.  
**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI requirements, NSF criteria and EP 3.2.9 requirements. Tubing is manufactured according to GMP.  
**Temperature range:** -112 to 392°F (-80 to 200°C)  
**Sterilize:** Ethylene oxide, gamma irradiation, or autoclave for 30 min, 15 psi (1.0 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95702-00</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	16 (1.1)	
<a href="#">TW-95702-01</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-95702-02</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	15 (1.0)	
<a href="#">TW-95702-03</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	7 (0.5)	
<a href="#">TW-95702-04</a>	3/32 (2.4)	7/32 (5.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-95702-05</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	7 (0.5)	
<a href="#">TW-95702-06</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	9 (0.6)	
<a href="#">TW-95702-08</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	5 (0.3)	
<a href="#">TW-95702-09</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	7 (0.5)	
<a href="#">TW-95702-10</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	9 (0.6)	
<a href="#">TW-95702-13</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	5 (0.3)	
<a href="#">TW-95702-14</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	7 (0.5)	
<a href="#">TW-95702-16</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	5 (0.3)	
<a href="#">TW-95702-17</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	6 (0.4)	
<a href="#">TW-95702-18</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	4 (0.3)	
<a href="#">TW-95702-19</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	5 (0.3)	
<a href="#">TW-95702-20</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	7 (0.5)	

### Cole-Parmer Platinum-Cured Reinforced Silicone Tubing



**Formulation:** Tygon® 3370 I. B., silicone, platinum cured.

**Applications:** Demanding sanitary high-pressure pharmaceutical, biotechnology, food and beverage, and cosmetic applications.

**Characteristics:** Excellent heat resistance, low compression set, odorless, and nontoxic, translucent.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and USP Class V extractables; exceeds Class VI implant; exceeds 3A Sanitary Standards; produced to Bulk Pharmaceutical cGMPs (FDA 21 CFR 210, 211). Tubing is manufactured according to GMP.

**Temperature range:** -60 to 320°F (-51 to 160°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/pk
	ID	OD	Wall		
<a href="#">TW-95703-00</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	312 (21.5)	/15.2-m
<a href="#">TW-95703-01</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	248 (17.1)	/15.2-m
<a href="#">TW-95703-02</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	180 (12.4)	/15.2-m
<a href="#">TW-95703-03</a>	1/2 (12.8)	13/16 (20.8)	5/32 (4.0)	168 (11.6)	/15.2-m
<a href="#">TW-95703-04</a>	5/8 (16.0)	15/16 (24.0)	5/32 (4.0)	144 (9.9)	/15.2-m
<a href="#">TW-95703-05</a>	3/4 (19.1)	1 1/8 (28.6)	3/16 (4.8)	144 (9.9)	/15.2-m
<a href="#">TW-95703-07</a>	1 1/4 (31.8)	1 5/8 (41.4)	3/16 (4.8)	96 (6.6)	/7.6-m

### Cole-Parmer Peroxide-Cured Reinforced Silicone Tubing



**Applications:** Demanding high-pressure pharmaceutical, biotechnology, aerospace, and food and beverage applications.

**Characteristics:** Excellent heat resistance, low compression set, odorless, nontoxic, low tackiness, translucent.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI. Tubing is manufactured according to GMP.

**Temperature range:** -60 to 400°F (-51 to 204°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/pk
	ID	OD	Wall		
<a href="#">TW-95623-00</a>	1/16 (1.8)	5/16 (8.0)	1/8 (3.2)	175 (12.1)	/7.6-m
<a href="#">TW-95623-01</a>	1/8 (3.2)	3/8 (9.6)	1/8 (3.2)	175 (12.1)	/7.6-m
<a href="#">TW-95623-02</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	163 (11.2)	/7.6-m
<a href="#">TW-95623-03</a>	1/4 (6.4)	9/16 (14.4)	5/32 (4.0)	155 (10.7)	/7.6-m
<a href="#">TW-95623-04</a>	5/16 (8.0)	11/32 (15.1)	9/64 (3.6)	145 (10.0)	/7.6-m
<a href="#">TW-95623-05</a>	3/8 (9.6)	1 1/16 (17.6)	5/32 (4.0)	138 (9.5)	/7.6-m
<a href="#">TW-95623-06</a>	1/2 (12.8)	13/16 (20.8)	5/32 (4.0)	125 (8.6)	/7.6-m
<a href="#">TW-95623-08</a>	3/4 (19.1)	1 1/8 (28.6)	3/16 (4.8)	57 (3.9)	/7.6-m
<a href="#">TW-95623-09</a>	7/8 (22.2)	1 1/4 (31.8)	3/16 (4.8)	119 (8.2)	/7.6-m
<a href="#">TW-95623-10</a>	1 (25.4)	1 3/8 (35.0)	3/16 (4.8)	113 (7.8)	/3-m

### Color-Coded Peroxide-Cured Silicone Tubing



**Applications:** Ideal for dedicated or multiple lines—color-coding provides quick and easy line identification.

**Characteristics:** Superior heat resistance, low compression set, odorless, and nontoxic. Opaque.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600). Tubing is manufactured according to GMP.

**Temperature range:** -60 to 460°F (-51 to 238°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<b>Red tubing</b>					
<a href="#">TW-96150-02</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-96150-04</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-96150-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-96150-08</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<b>Green tubing</b>					
<a href="#">TW-96150-42</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-96150-44</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-96150-46</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-96150-48</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<b>Blue tubing</b>					
<a href="#">TW-96150-22</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-96150-24</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-96150-26</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-96150-28</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	

### Platinum-Cured Silicone Tubing Spools

Spool-packed platinum-cured silicone tubing allows you to cut your tubing needs to meet your specific requirements.



98906-00

Catalog number	Dimensions in. (mm)		Length per spool	Price
	ID	OD		
<a href="#">TW-98906-00</a>	1/32 (0.8)	3/32 (2.4)	152 m	
<a href="#">TW-98906-02</a>	1/16 (1.6)	1/8 (3.2)		
<a href="#">TW-98906-04</a>	1/8 (3.2)	1/4 (6.4)	91 m	
<a href="#">TW-98906-06</a>	3/16 (4.8)	5/16 (8.0)		
<a href="#">TW-98906-08</a>	1/4 (6.4)	3/8 (9.6)		
<a href="#">TW-98906-10</a>	3/8 (9.6)	5/8 (16.0)		
<a href="#">TW-98906-12</a>	5/8 (16.0)	7/8 (22.4)		

### Ratchet Tubing Clamps

Durable Celcon® plastic tubing clamps are autoclavable; won't rust, corrode, or distort. Twelve-position ratchet control adjusts from full flow to complete closure. Mini-clamp is suitable for up to 1/8" (2.1 mm) OD tubing. Standard clamp accepts flexible tubing to 1/2" (12.7 mm) OD.



06833-00

[LZ-06833-01](#) Mini tubing clamp. Pack of 25

[LZ-06833-00](#) Tubing clamp. Pack of 25



## Dow Corning® Pharma-80 Tubing



**Applications:** High-pressure, pharmaceutical, biotech, and ultra-pure fluid processing. Economical alternative to reinforced tubing materials.

**Characteristics:** 80 durometer, semi-transparent platinum-cured silicone tubing with a very low extractable profile; it contains no phthalates, plasticizers, latex or other organic additives. Pharma tubing is hydrophobic, and remains flexible and resilient for long service life. Dow Corning maintains complete traceability from silica to silicone tubing.

**Certifications:** Elastomer exceeds test guidelines for USP Class VI Plastics; tubing itself meets or exceeds FDA (21 CFR 177.2600), 3A Sanitary Standards, and European Pharmacopoeia (EP) requirements. Pharma tubing is produced under Bulk Pharmaceutical (BP) current GMP principles.

**Temperature range:** -60 to 460°F (-51 to 232°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96109-00</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	249 (17.2)	
<a href="#">TW-96109-01</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	249 (17.2)	
<a href="#">TW-96109-02</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	260 (17.9)	
<a href="#">TW-96109-03</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	249 (17.2)	
<a href="#">TW-96109-04</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	249 (17.2)	
<a href="#">TW-96109-05</a>	1/4 (6.4)	1/2 (12.8)	3/8 (3.2)	260 (17.9)	
<a href="#">TW-96109-06</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	249 (17.2)	
<a href="#">TW-96109-07</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	241 (16.6)	
<a href="#">TW-96109-08</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	249 (17.2)	
<a href="#">TW-96109-09</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	231 (15.9)	
<a href="#">TW-96109-10</a>	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	210 (14.5)	
<a href="#">TW-96109-11</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	200 (13.8)	

## Dow Corning® Pharma Reinforced Tubing



**Applications:** Transfer of high-purity fluids in high-pressure gas, steam, or liquid applications.

**Characteristics:** Reinforced for improved burst strength, resistant to collapse under vacuum, low extractables, easily sterilized.

**Certifications:** Elastomer exceeds USP Class VI requirements and meets European Pharmacopoeia 3.1.9. Tubing is manufactured to applicable cGMP principles.

**Temperature range:** -60 to 460°F (-51 to 232°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C) <sup>†</sup>	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96108-00</a>	1/8 (3.2)	0.365 (9.3)	0.12 (3.05)	299 (20.6)	
<a href="#">TW-96108-02</a>	3/16 (4.8)	0.447 (11.4)	0.13 (3.3)	263 (18.1)	
<a href="#">TW-96108-04</a>	1/4 (6.4)	0.520 (13.2)	0.135 (3.43)	278 (19.2)	
<a href="#">TW-96108-06</a>	5/16 (8.0)	0.592 (15.0)	0.14 (3.55)	283 (19.5)	
<a href="#">TW-96108-08</a>	3/8 (9.6)	0.655 (16.6)	0.14 (3.56)	199 (13.7)	
<a href="#">TW-96108-10</a>	1/2 (12.8)	0.800 (20.3)	0.15 (3.81)	183 (12.6)	
<a href="#">TW-96108-12</a>	3/8 (9.6)	0.965 (24.5)	0.17 (4.32)	157 (10.8)	
<a href="#">TW-96108-14</a>	3/4 (19.1)	1.10 (27.9)	0.175 (4.45)	103 (7.1)	
<a href="#">TW-96108-16</a>	7/8 (22.4)	1.124 (28.5)	0.125 (3.16)	103 (7.1)	
<a href="#">TW-96108-18</a>	1 (25.4)	1.360 (34.5)	0.18 (4.57)	70 (4.8)	

<sup>†</sup>Note: Max psi (bar) is 1/3 of burst pressure.

## Dow Corning® Pharma-50 Tubing



**Applications:** Pharmaceutical, biotechnology, and ultrapure fluid processing.

**Characteristics:** 50 durometer, translucent platinum-cured silicone tubing with a very low extractable profile; it contains no phthalates, plasticizers, latex, or other organic additives. Pharma tubing remains flexible and resilient for long service life. Dow Corning maintains complete traceability from silica to silicone tubing.

**Certifications:** Elastomer exceeds test guidelines for USP Class VI Plastics and the tubing itself meets or exceeds FDA (21 CFR 177.2600), 3A Sanitary Standards and European Pharmacopoeia (EP) requirements. Produced under Bulk Pharmaceutical (BP) and current GMP principles.

**Temperature range:** -60 to 460°F (-51 to 232°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96105-00</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-96105-01</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-96105-02</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	16 (1.1)	
<a href="#">TW-96105-03</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-96105-04</a>	1/4 (6.4)	7/16 (11.1)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-96105-05</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-96105-06</a>	5/16 (8.0)	1/2 (14.0)	1/8 (3.0)	16 (1.1)	
<a href="#">TW-96105-07</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-96105-08</a>	3/8 (9.6)	9/16 (14.3)	3/32 (2.4)	13 (0.9)	
<a href="#">TW-96105-09</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	14 (1.0)	
<a href="#">TW-96105-10</a>	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-96105-11</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	10 (0.7)	
<a href="#">TW-96105-12</a>	5/8 (16.0)	7/8 (22.2)	1/8 (3.2)	9 (0.6)	
<a href="#">TW-96105-13</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	9 (0.6)	

## Dow Corning® Pharma-65 Tubing



**Applications:** High-pressure, pharmaceutical, biotechnology, and ultra-pure fluid processing. Economical alternative to peroxide silicone.

**Characteristics:** 65 durometer, platinum-cured silicone tubing with a very low extractable profile; it contains no phthalates, plasticizers, latex, or other organic additives. Remains flexible and resilient for long service life. Dow Corning maintains complete traceability from silica to silicone tubing.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI requirements. Meets 3A Sanitary Standards and European Pharmacopoeia (EP) requirements. Tubing is manufactured according to Bulk Pharmaceutical (BP) and current GMP.

**Temperature range:** -60 to 460°F (-51 to 232°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96107-00</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-96107-01</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-96107-02</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	15 (1.0)	
<a href="#">TW-96107-03</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-96107-04</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	20 (1.4)	
<a href="#">TW-96107-05</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	19 (1.3)	
<a href="#">TW-96107-06</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	12 (0.8)	
<a href="#">TW-96107-07</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	11 (0.8)	
<a href="#">TW-96107-08</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	13 (0.9)	
<a href="#">TW-96107-09</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	13 (0.9)	
<a href="#">TW-96107-10</a>	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	12 (0.8)	
<a href="#">TW-96107-11</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	11 (0.8)	
<a href="#">TW-96107-12</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	8 (0.6)	
<a href="#">TW-96107-13</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	7 (0.5)	

### C-FLEX® ADCF Tubing



**Applications:** Pharmaceutical, biotech, and general-purpose lab uses requiring high performance. High-purity applications requiring no contact with animal-derived components. Economical alternative to platinum silicone.

**Characteristics:** Exceptional tensile and tear strength, good biocompatibility, excellent chemical resistance, low gas permeability, and a smooth surface. Transparent.

**Certifications:** Meets USP Class VI and USDA requirements. Tubing is manufactured according to GMP.

**Temperature range:** -88 to 275°F (-67 to 135°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06432-50</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-06432-51</a>	3/16 (4.8)	9/16 (8.0)	1/16 (1.6)	22 (1.5)	
<a href="#">TW-06432-53</a>	1/4 (6.4)	3/8 (9.5)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-06432-54</a>	1/4 (6.4)	7/16 (11.1)	3/32 (2.4)	28 (1.9)	
<a href="#">TW-06432-55</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	28 (1.9)	
<a href="#">TW-06432-56</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	27 (1.9)	
<a href="#">TW-06432-57</a>	3/8 (9.5)	1/2 (12.8)	1/16 (1.6)	17 (1.2)	
<a href="#">TW-06432-59</a>	3/8 (9.5)	5/8 (15.9)	1/8 (3.2)	23 (1.6)	
<a href="#">TW-06432-60</a>	1/2 (12.8)	1 1/16 (17.5)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-06432-61</a>	1/2 (12.8)	3/4 (19.0)	1/8 (3.2)	17 (1.2)	

### Clear C-FLEX® Tubing



**Applications:** Pharmaceutical, biotech, and general-purpose lab uses requiring high performance. Economical alternative to platinum silicone.

**Characteristics:** Exceptional tensile and tear strength, good biocompatibility, excellent chemical resistance, low gas permeability, and a smooth surface. Transparent.

**Certifications:** Product is manufactured in accordance with quality regulations CFR Title 21, Part 820 Quality System Requirements (GMP).

**Temperature range:** -100 to 275°F (-73 to 135°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06422-00</a>	1/50 (0.5)	1/12 (2.1)	1/32 (0.8)	50 (3.4)	
<a href="#">TW-06422-01</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	51 (3.5)	
<a href="#">TW-06422-02</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	25 (1.7)	
<a href="#">TW-06422-03</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	23 (1.6)	
<a href="#">TW-06422-04</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	17 (1.2)	
<a href="#">TW-06422-05</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-06422-06</a>	5/32 (4.0)	7/32 (5.6)	1/32 (0.8)	17 (1.5)	
<a href="#">TW-06422-07</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-06422-08</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	22 (1.5)	
<a href="#">TW-06422-09</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	36 (2.5)	
<a href="#">TW-06422-10</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-06422-11</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	28 (1.9)	
<a href="#">TW-06422-12</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	28 (1.9)	
<a href="#">TW-06422-13</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	17 (1.2)	
<a href="#">TW-06422-14</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	27 (1.9)	
<a href="#">TW-06422-15</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	17 (1.2)	
<a href="#">TW-06422-16</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	23 (1.6)	
<a href="#">TW-06422-17</a>	1/2 (12.8)	1 1/16 (17.6)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-06422-18</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	17 (1.2)	

### C-FLEX® Tubing



**Applications:** Pharmaceutical, biotech, and general-purpose lab uses requiring high performance. Economical alternative to platinum-cured silicone tubing.

**Characteristics:** Exceptional tensile and tear strength, good biocompatibility, excellent chemical resistance, low gas permeability, and a smooth surface. Opaque white.

**Certifications:** Product is manufactured in accordance with quality regulations CFR Title 21, Part 820 Quality System Requirements (GMP).

**Temperature range:** -100 to 275°F (-73 to 135°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06424-59</a>	1/50 (0.5)	1/12 (2.1)	1/32 (0.8)	30 (2.1)	
<a href="#">TW-06424-60</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	31 (2.1)	
<a href="#">TW-06424-62</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-06424-63</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	14 (1.0)	
<a href="#">TW-06424-64</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-06424-67</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-06424-65</a>	5/32 (4.0)	7/32 (5.6)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-06424-66</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	9 (0.6)	
<a href="#">TW-06424-03</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-06424-69</a>	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	22 (1.5)	
<a href="#">TW-06424-71</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-06424-72</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	17 (1.2)	
<a href="#">TW-06424-74</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-06424-75</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06424-76</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	16 (1.1)	
<a href="#">TW-06424-12</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06424-79</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	14 (1.0)	
<a href="#">TW-06424-19</a>	1/2 (12.8)	1 1/16 (17.6)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-06424-81</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	10 (0.7)	

### C-FLEX® TPE Braided Tubing



**Formulation:** C-FLEX 082

**Applications:** Biopharmaceutical; for use with cell cultures, vessel and tank transfer, pump applications, and cold storage.

**Characteristics:** 60 durometer. Animal-derived component-free (ADCF) resin and reinforced with polyester braid. Clear.

**Certifications:** Complies with USP24/NF19, Class VI, FDA and USDA standards.

**Temperature range:** -50 to 250°F (-45 to 121°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06433-01</a>	1/8 (3.2)	3/8 (9.6)	1/16 (1.6)	105 (7.2)	
<a href="#">TW-06433-03</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	110 (7.6)	
<a href="#">TW-06433-05</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	80 (5.5)	
<a href="#">TW-06433-07</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	130 (9.0)	
<a href="#">TW-06433-09</a>	5/8 (16.0)	1 (25.4)	3/16 (4.8)	110 (7.6)	
<a href="#">TW-06433-11</a>	3/4 (19.1)	1 1/8 (28.6)	3/16 (4.8)	110 (7.6)	

### Ratchet Tubing Clamps

Durable **rustcon®** plastic clamp is autoclavable; won't corrode, or distort. Twelve-position ratchet control adjusts from full flow to complete closure. Accepts flexible tubing to 1/2" OD.

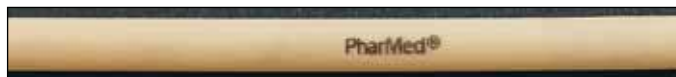


[LZ-06833-00](#) Tubing clamp.  
Pack of 25

06833-00



## PharMed® BPT Tubing



**Applications:** Cell and tissue culture work and pharmaceutical uses. Also good for light-sensitive samples.

**Characteristics:** Nontoxic; nonhemolytic; extremely low permeability; resists acids, alkalis, oxidizing agents, and animal and vegetable oils; heat-sealable, bondable, and formable. Opaque beige.

**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and meets USP Class VI and NSF (Standard 51) requirements. Meets EP requirements. Tubing is manufactured according to GMP.

**Temperature range:** -75 to 275°F (-59 to 135°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-96880-00</a>	1/50 (0.5)	9/64 (3.7)	1/16 (1.6)	50 (3.4)	
<a href="#">TW-96880-02</a>	1/32 (0.8)	5/32 (4.0)	1/16 (1.6)	40 (2.8)	
<a href="#">TW-96880-04</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	34 (2.3)	
<a href="#">TW-96880-06</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-96880-08</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-96880-10</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-96880-12</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	19 (1.3)	
<a href="#">TW-96880-14</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	8 (0.6)	
<a href="#">TW-96880-16</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	13 (0.9)	
<a href="#">TW-96880-18</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	11 (0.8)	
<a href="#">TW-96880-20</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	8 (0.6)	
<a href="#">TW-96880-22</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	7 (0.5)	

## Microbore PharMed BPT Tubing

Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/ 30.5-m pk
	ID	OD	Wall		
<a href="#">TW-95809-12</a>	0.010 (0.25)	0.082 (2.08)	0.036 (0.91)	30	
<a href="#">TW-95809-18</a>	0.020 (0.51)	0.096 (2.44)	0.038 (0.97)	24	
<a href="#">TW-95809-26</a>	0.035 (0.89)	0.111 (2.82)	0.038 (0.97)	20	
<a href="#">TW-95809-30</a>	0.045 (1.14)	0.121 (3.07)	0.038 (0.97)	18	
<a href="#">TW-95809-32</a>	0.051 (1.30)	0.127 (3.23)	0.038 (0.97)	18	
<a href="#">TW-95809-34</a>	0.056 (1.42)	0.132 (3.35)	0.038 (0.97)	17	
<a href="#">TW-95809-36</a>	0.060 (1.52)	0.136 (3.45)	0.038 (0.97)	16	
<a href="#">TW-95809-40</a>	0.073 (1.85)	0.149 (3.78)	0.038 (0.97)	15	
<a href="#">TW-95809-42</a>	0.081 (2.06)	0.157 (3.99)	0.038 (0.97)	14	
<a href="#">TW-95809-44</a>	0.090 (2.29)	0.166 (4.22)	0.038 (0.97)	13	
<a href="#">TW-95809-48</a>	0.110 (2.79)	0.186 (4.72)	0.038 (0.97)	12	

## Flexelene™ 135C Biotech Tubing



**Applications:** Pharmaceutical, biotech, life science, medical device, and general-purpose lab use.

**Characteristics:** Translucent, flexible. Non-allergenic materials; with no plasticizers, latex, or vinyl acetate. Animal-derived ingredient-free. Ultra-low extractables and leachables.

**Certifications:** FDA-compliant (21 CFR 177.2600(c) and 21 CFR 177.1810(b)). Meets USP Class VI requirements. Only additives approved in accordance with EP 3.1.3 and 3.1.6. Resin conforms with EC directive 202/72/EC.

**Temperature range:** -46 to 266°F (-50 to 130°C)

**Sterilize:** Autoclave, ethylene oxide, gamma, or E-beam irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 30.5-m pk
	ID	OD	Wall		
<a href="#">TW-96181-00</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	25 (1.7)	
<a href="#">TW-96181-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-96181-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	22 (1.5)	
<a href="#">TW-96181-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-96181-08</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	17 (1.2)	
<a href="#">TW-96181-10</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-96181-14</a>	3/4 (19.1)	7/8 (22.4)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-96181-16</a>	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	8 (0.6)	

## SaniPure™ Tubing



**Applications:** Pharmaceutical, biotech, and general-purpose lab applications. Sterile filling and processing, cell harvest and media process systems, filtration, fermentation, cell and tissue culture transport.

**Characteristics:** Ultra-smooth inner bore, excellent biocompatibility for sensitive applications. Noncytotoxic, nonpyrogenic, and nonhemolytic; low protein binding. Heat-sealable, bondable, sterile-weldable, and custom moldable for assemblies. Transparent.

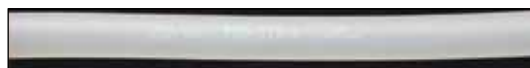
**Certifications:** USP Class VI, EP 3.2.9, FDA approved.

**Temperature range:** -87 to 275°F (-66 to 135°C)

**Sterilize:** Autoclave or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96132-00</a>	1/32 (0.8)	3/32 (2.3)	1/32 (0.8)	20 (1.4)	
<a href="#">TW-96132-02</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	19 (1.3)	
<a href="#">TW-96132-04</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-96132-06</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-96132-08</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-96132-10</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.3)	23 (1.6)	
<a href="#">TW-96132-12</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	15 (1.0)	
<a href="#">TW-96132-14</a>	1/4 (6.4)	7/16 (11.1)	3/32 (2.3)	20 (1.4)	
<a href="#">TW-96132-16</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	26 (1.8)	
<a href="#">TW-96132-18</a>	3/8 (9.5)	1/2 (12.8)	1/16 (1.6)	11 (0.8)	
<a href="#">TW-96132-20</a>	3/8 (9.5)	5/8 (15.9)	1/8 (3.2)	16 (1.1)	
<a href="#">TW-96132-22</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	15 (1.0)	

## C-Flex® ULTRA Tubing



**Applications:** Bioprocess, biopharmaceutical, single-use assemblies, process filling, sampling.

**Characteristics:** Animal-derived component-free (ADCF). Sealable and weldable. Noncytotoxic and nonpyrogenic; excellent resistance to concentrated acids and alkalis.

**Certifications:** Meets USP24/NF19, Class VI standards.

**Temperature range:** -58 to 122°F (-50 to 50°C)

**Sterilize:** Autoclave.



Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06432-40</a>	1/8 (3.18)	1/4 (6.35)	1/16 (1.59)	19 (1.3)	
<a href="#">TW-06432-42</a>	3/16 (4.76)	3/8 (9.52)	3/32 (2.38)	24 (1.7)	
<a href="#">TW-06432-43</a>	1/4 (6.35)	3/8 (9.52)	1/16 (1.59)	14 (1.0)	
<a href="#">TW-06432-45</a>	1/4 (6.35)	1/2 (12.7)	1/8 (3.18)	25 (1.7)	
<a href="#">TW-06432-46</a>	3/16 (7.94)	1/2 (12.7)	3/32 (2.38)	17 (1.2)	
<a href="#">TW-06432-47</a>	3/8 (9.52)	1/2 (12.7)	1/16 (1.59)	10 (0.7)	
<a href="#">TW-06432-48</a>	3/8 (9.52)	5/8 (15.88)	1/8 (3.18)	20 (1.4)	
<a href="#">TW-06432-49</a>	1/2 (12.7)	3/4 (19.05)	1/8 (3.18)	14 (1.0)	

## Flexelene™ 95E Tubing

**Applications:** Bioprocess, medical, neonatal, and cleanroom production.

**Characteristics:** Animal-derivative-free, no DEHP or phthalates, latex-free thermoplastic elastomer. Ultralow extractables/leachables. Weldable. Transparent.

**Certifications:** ISO 10993-4 nonhemolytic, ISO 10993-5 noncytotoxic. Meets USP Class VI requirements. Meets FDA regulations 21 CFR 177.2600 and 21 CFR 177.1810(B).

**Temperature range:** -58 to 275°F (-50 to 135°C)

**Sterilize:** Ethylene oxide, gamma irradiation, E-beam, or autoclave to 275°F (135°C).



Catalog number	Dimensions: in. (mm)			Price/ 15.2-m pk
	ID	OD	Wall	
<a href="#">TW-96176-33</a>	1/32 (0.7)	3/32 (2.4)	1/32 (0.7)	
<a href="#">TW-96176-35</a>	1/16 (1.6)	1/8 (3.1)	1/32 (0.7)	
<a href="#">TW-96176-37</a>	3/32 (2.4)	5/32 (3.9)	1/32 (0.7)	
<a href="#">TW-96176-39</a>	1/8 (3.1)	3/16 (4.7)	1/32 (0.7)	
<a href="#">TW-96176-41</a>	1/8 (3.1)	1/4 (6.3)	1/16 (1.6)	
<a href="#">TW-96176-43</a>	3/16 (4.7)	1/4 (6.3)	1/32 (0.7)	
<a href="#">TW-96176-45</a>	1/4 (6.3)	3/8 (9.5)	1/16 (1.6)	
<a href="#">TW-96176-47</a>	1/4 (6.3)	3/8 (9.5)	1/16 (1.6)	
<a href="#">TW-96176-49</a>	5/16 (7.9)	7/16 (11.1)	1/16 (1.6)	
<a href="#">TW-96176-51</a>	3/8 (9.5)	1/2 (12.7)	1/16 (1.6)	
<a href="#">TW-96176-55</a>	1/2 (12.7)	3/4 (19.0)	1/8 (3.1)	
<a href="#">TW-96176-61</a>	3/4 (19.0)	1 (25.4)	1/8 (3.1)	
<a href="#">TW-96176-63</a>	1 (25.4)	1 1/4 (31.7)	1/8 (3.1)	

## Flexelene™ SFX Soft Flexible Polyethylene Tubing

**Applications:** Pharmaceutical, biotech, medical device, and general lab applications.

**Characteristics:** Good chemical resistance. Ultra-low extractables. Heat-sealable. Translucent.

**Certifications:** Meets USP Class VI requirements.

**Temperature range:** -40 to 110°F (-40 to 43°C)

**Sterilize:** Ethylene oxide or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 30.5-m pk
	ID	OD	Wall		
<a href="#">TW-96180-01</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	210 (14.5)	
<a href="#">TW-96180-02</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	210 (14.5)	
<a href="#">TW-96180-03</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	225 (15.5)	
<a href="#">TW-96180-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	160 (11.0)	
<a href="#">TW-96180-05</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	110 (7.6)	
<a href="#">TW-96180-06</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	80 (5.5)	
<a href="#">TW-96180-07</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	80 (5.5)	

## Flexelene™ Flexible Polyethylene Tubing

**Applications:** Food and beverage processing, instrumentation, pure-water transfer, and water conditioning.

**Characteristics:** Plasticizer-free, 78 A durometer, use with barbed fittings. Highly inert; flexible; abrasion-resistant, excellent chemical compatibility, economical. Clear (colored tubing available upon request).

**Certifications:** NSF Standards 51 and 61, FDA 21 CFR 175.105.

**Temperature range:** -40 to 170°F (-40 to 76°C)

**Sterilize:** Ethylene oxide.

## Flexelene™ MFXAG Antimicrobial Medical-Grade Tubing

**Applications:** Pharmaceutical, biotech, medical device, research, or general lab applications where controlling microbial growth in-line is a concern.

**Characteristics:** AgION™ antimicrobial coating on inner surface inhibits growth of bacteria, molds, and other microbes. Coating does not contaminate fluid and does not inhibit microbe growth in the fluid itself. Flexible, non-allergenic materials. Translucent.

**Certifications:** Resin is FDA-compliant (21 CFR 177.2600(c) and 21 CFR 177.1810(b)). Meets USP Class VI requirements.

**Temperature range:** -78 to 135°F (-60 to 57°C)

**Sterilize:** Ethylene oxide or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96176-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	225 (15.5)	
<a href="#">TW-96176-04</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	110 (7.6)	

## Clear PVC Tubing

**Applications:** Pharmaceutical, biotechnology, and general laboratory use.

**Characteristics:** Resistant to hardening and discoloration. Good chemical resistance. Transparent.

**Certifications:** Resin is FDA-compliant (21 CFR 175.300), and meets USP Class VI and USDA requirements.

**Temperature range:** -26 to 160°F (-32 to 71°C)

**Sterilize:** Autoclave or ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-96700-01</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	60 (4.1)	
<a href="#">TW-96700-02</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	48 (3.3)	
<a href="#">TW-96700-03</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	42 (2.9)	
<a href="#">TW-96700-04</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	34 (2.3)	
<a href="#">TW-96700-05</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	50 (3.4)	
<a href="#">TW-96700-07</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	40 (2.8)	
<a href="#">TW-96700-08</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	34 (2.3)	
<a href="#">TW-96700-09</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	44 (3.0)	
<a href="#">TW-96700-10</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	52 (3.6)	
<a href="#">TW-96700-13</a>	5/16 (8.0)	3/8 (9.6)	1/16 (1.6)	46 (3.2)	
<a href="#">TW-96700-14</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	26 (1.8)	
<a href="#">TW-96700-15</a>	3/8 (9.6)	5/8 (16.0)	3/32 (2.4)	36 (2.5)	
<a href="#">TW-96700-18</a>	1/2 (12.8)	5/8 (16.0)	1/8 (3.2)	22 (1.5)	
<a href="#">TW-96700-20</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	34 (2.3)	
<a href="#">TW-96700-21</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	28 (1.9)	
<a href="#">TW-96700-22</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	26 (1.8)	
<a href="#">TW-96700-23</a>	1 (25.4)	1 1/4 (31.7)	1/8 (3.2)	22 (1.5)	

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 30.5-m pk
	ID	OD	Wall		
<a href="#">TW-96155-00</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	420 (29.0)	
<a href="#">TW-96155-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	450 (31.0)	
<a href="#">TW-96155-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	320 (22.1)	
<a href="#">TW-96155-06</a>	1/4 (6.4)	3/8 (9.5)	1/16 (1.6)	220 (15.2)	
<a href="#">TW-96155-10</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	160 (11.0)	
<a href="#">TW-96155-12</a>	1/2 (12.8)	3/4 (19.1)	1/16 (1.6)	120 (8.3)	
<a href="#">TW-96155-14</a>	5/8 (16.0)	3/4 (19.1)	1/16 (1.6)	120 (8.3)	
<a href="#">TW-96155-20</a>	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	70 (4.8)	

## Non-DEHP PVC Lab Tubing



**Applications:** Medical device assemblies, analytical instruments, general laboratory. Use for transfer of liquids, gases, and inorganic chemicals found in lab, paint, pigment, and soap dispensing applications.

**Characteristics:** Nontoxic DEHP-free formulation. Flexible, small bend radii. Transparent; allows for visual inspection and flow monitoring.

**Certifications:** Compliant with FDA (CFR 21, Part 175.300), Proposition 65, REACH.

**Temperature range:** -58 to 165°F (-50 to 73°C)

**Sterilize:** Autoclave.

**non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-95505-00	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	49	
TW-95505-02	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	32	
TW-95505-04	1/8 (3.2)	3/16 (4.8)	3/32 (2.4)	31	
TW-95505-06	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	43	
TW-95505-08	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	31	
TW-95505-10	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	23	
TW-95505-12	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	54	
TW-95505-14	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	25	
TW-95505-16	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	34	
TW-95505-18	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	43	
TW-95505-20	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	21	
TW-95505-22	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	28	
TW-95505-24	5/16 (8.0)	9/16 (14.4)	1/8 (3.2)	36	
TW-95505-26	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	18	
TW-95505-28	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	25	
TW-95505-30	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	31	
TW-95505-32	7/16 (11.2)	9/16 (14.4)	1/16 (1.6)	16	
TW-95505-34	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	14	
TW-95505-36	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	19	
TW-95505-38	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	25	
TW-95505-40	5/8 (16.0)	13/16 (20.8)	3/32 (2.4)	16	
TW-95505-42	5/8 (16.0)	1/2 (12.8)	1/8 (3.2)	21	
TW-95505-44	3/4 (19.1)	1 (25.1)	1/8 (3.2)	18	
TW-95505-46	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	15	
TW-95505-48	1 (25.4)	1 3/8 (35.0)	3/16 (4.8)	19	

## Flexible PVC Reinforced Tubing



**Applications:** For high-pressure applications, food processing, and beverage handling.

**Characteristics:** Good acid/alkali resistance and aging characteristics. White polyester yarn with orange tracer yarn embedded in a transparent PVC wall.

**Certifications:** Resin is FDA-compliant (21 CFR 170.199) and meets USDA requirements. NSF-listed (standard 51) with 3A Sanitary Standards for dairy.

**Temperature range:** -5 to 180°F (-21 to 82°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-06602-00	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	250	
TW-06602-01	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	250	
TW-06602-02	3/8 (9.6)	9/16 (14.3)	3/32 (2.4)	225	
TW-06602-03	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	200	
TW-06602-04	5/8 (16.0)	29/32 (23.2)	9/64 (3.6)	200	
TW-06602-05	3/4 (19.1)	1 1/32 (26.2)	1/8 (3.2)	150	
TW-06602-06	1 (25.4)	1 5/16 (33.4)	5/32 (3.8)	125	
TW-06602-07	1 1/4 (31.8)	1 5/8 (41.3)	3/16 (4.8)	100	
TW-06602-08	1 1/2 (38.1)	1 5/16 (49.2)	3/16 (4.8)	100	
TW-06602-09	2 (50.8)	2 1/2 (63.6)	1/4 (6.4)	75	

## PVC Tubing



**Applications:** Food and beverage processing, pharmaceutical, biotech, and general lab applications.

**Characteristics:** Extremely flexible. Resistant to oxidation, chemicals and bacteria. Transparent.

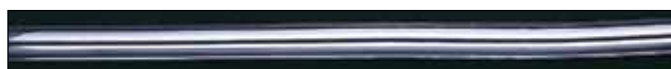
**Certifications:** FDA-compliant (21 CFR 175.300) and meets USP Class VI and USDA requirements; meets 3A sanitary standards.

**Temperature range:** -41 to 165°F (-41 to 74°C)

**Sterilize:** Ethylene oxide or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 68°F (bar at 20°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-96605-01	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	68	
TW-96605-02	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	55	
TW-96605-03	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	55	
TW-96605-05	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	70	
TW-96605-06	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	50	
TW-96605-08	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	40	
TW-96605-10	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	65	
TW-96605-11	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	30	
TW-96605-13	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	45	
TW-96605-15	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	40	
TW-96605-16	3/4 (19.1)	1 (25.4)	1/8 (3.2)	35	
TW-96605-19	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	28	
TW-96605-25	1 1/4 (31.8)	1 3/4 (44.5)	1/4 (6.4)	45	

## Vinyl Tubing



**Applications:** General-purpose lab use.

**Characteristics:** Fair chemical and abrasion resistance, odorless, nontoxic and transparent.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** -45 to 180°F (-43 to 82°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/pk
	ID	OD	Wall		
TW-06405-01	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	40	/15.2-m
TW-06405-02	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	59	/15.2-m
TW-06405-03	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	51	/15.2-m
TW-06405-04	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	46	/30.5-m
TW-06405-06	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	51	/15.2-m
TW-06405-07	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	55	/30.5-m
TW-06405-08	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	64	/15.2-m
TW-06405-09	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	46	/15.2-m
TW-06405-10	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	55	/30.5-m
TW-06405-12	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	41	/15.2-m
TW-06405-15	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	46	/30.5-m
TW-06405-16	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	55	/30.5-m
TW-06405-18	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	28	/15.2-m
TW-06405-19	1/2 (12.8)	1 1/16 (17.6)	3/32 (2.4)	36	/30.5-m
TW-06405-20	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	41	/15.2-m
TW-06405-25	5/8 (16.0)	1 3/16 (20.8)	3/32 (2.4)	32	/30.5-m
TW-06405-27	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	36	/15.2-m
TW-06405-31	3/4 (19.1)	1 (25.4)	1/8 (3.2)	32	/15.2-m
TW-06405-36	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	23	/15.2-m
TW-06405-46	1 1/4 (31.8)	1 3/4 (44.5)	1/4 (6.4)	41	/15.2-m



### Tygon® Microbore Autoanalysis Tubing

**Formulation:** Tygon S-54-HL

**Applications:** General laboratory and pharmaceutical use, especially with precision injection or dispensing applications. Also excellent with low-flow peristaltic pump applications.

**Characteristics:** Extremely flexible. Nontoxic; nonpyrogenic; biocompatible. Crystal clear.

**Certifications:** FDA-compliant. Resin meets USP Class VI requirements. Tubing is manufactured according to GMP.

**Temperature range:** -25 to 185°F (-31 to 85°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/30.5-m pk
	ID	OD	Wall		
<a href="#">TW-06418-01</a>	0.010 (0.25)	0.030 (0.76)	0.010 (0.25)	30	
<a href="#">TW-06418-02</a>	0.020 (0.51)	0.060 (1.52)	0.020 (0.51)	25	
<a href="#">TW-06418-03</a>	0.030 (0.76)	0.090 (2.29)	0.030 (0.76)	20 to 21	
<a href="#">TW-06418-04</a>	0.040 (1.02)	0.070 (1.78)	0.015 (0.38)	18 to 19	
<a href="#">TW-06418-05</a>	0.050 (1.27)	0.090 (2.29)	0.020 (0.51)	17 to 18	

**TW-06418-10 Tygon® microbore tubing assortment pack.** One 30.5-m roll of 06418-01, -02, -03, -04, and -05 (152.4-m total)

### Tygon® Non-DEHP Vacuum Tubing

**Formulation:** Tygon E-3603 vacuum

**Applications:** General lab, food and beverage, and biopharm. Vacuum service of 29.9" Hg (760 mm Hg) at 73°F (23°C).

**Characteristics:** Non-DEHP, phthalate-free plasticizer. Flexible, biodegradable, crack-resistant, nontoxic, and nonoxidizing. Clear.

**Certifications:** USP Class VI and NSF 51

**Temperature range:** Brittle temperature is -51°F (-46°C).

**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar).

**non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06414-10</a>	3/16 (4.8)	9/16 (14.3)	3/16 (4.8)	69 (4.8)	
<a href="#">TW-06414-20</a>	1/4 (6.4)	5/8 (16.0)	3/16 (4.8)	53 (3.7)	
<a href="#">TW-06414-30</a>	3/8 (9.6)	7/8 (22.2)	1/4 (6.4)	47 (3.2)	
<a href="#">TW-06414-40</a>	1/2 (12.8)	1 1/8 (28.6)	5/16 (7.9)	45 (3.1)	
<a href="#">TW-06414-55</a>	5/8 (16.0)	1 3/8 (35.0)	3/8 (9.6)	43 (3.0)	
<a href="#">TW-06414-57</a>	3/4 (19.0)	1 1/2 (38.1)	3/8 (9.6)	36 (2.5)	
<a href="#">TW-06414-70</a>	1 (25.4)	2 (50.8)	1/2 (12.8)	36 (2.5)	

#### Handheld Tubing Cutter

This handheld tubing cutter features a steel blade coated with PTFE resin to produce clean, straight cuts through tubing up to 1 1/4" OD (cuts polyethylene tubing up to 1 1/2" OD). Order carrying pouch and replacement blade separately.

Find additional tubing accessories on pages 1856-1859.



06438-90

Catalog number	Description	Price
<a href="#">LZ-06438-90</a>	Handheld tubing cutter	
<a href="#">LZ-06438-81</a>	Carrying pouch	
<a href="#">LZ-06438-92</a>	Replacement blade	

### Tygon® Non-DEHP Lab Tubing

**Formulation:** Tygon E-3603

**Applications:** General laboratory, food & beverage, biopharmaceutical, analytical instruments.

**Characteristics:** Non-DEHP, phthalate free. Long-life, chemical resistant, nonoxidizing; able to bend to sharp radius curves and easily works with fittings. Transparent.

**Certifications:** FDA compliant (21 CFR 175.300); meets USP Class VI and NSF 51 requirements

**Temperature range:** -51 to 165°F (-46 to 74°C)

**Sterilize:** Autoclave or ethylene oxide.

**non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06407-70</a>	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	69 (4.8)	
<a href="#">TW-06407-71</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	36 (2.5)	
<a href="#">TW-06407-72</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	69 (4.8)	
<a href="#">TW-06407-73</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	25 (1.7)	
<a href="#">TW-06407-74</a>	3/32 (2.4)	7/32 (5.6)	1/16 (1.6)	47 (3.2)	
<a href="#">TW-06407-75</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	20 (1.4)	
<a href="#">TW-06407-76</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	36 (2.5)	
<a href="#">TW-06407-77</a>	3/32 (4.0)	7/32 (5.6)	1/32 (0.8)	17 (1.2)	
<a href="#">TW-06407-78</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	25 (1.7)	
<a href="#">TW-06407-79</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	36 (2.5)	
<a href="#">TW-06407-80</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-06407-81</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	28 (1.9)	
<a href="#">TW-06407-82</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	35 (2.5)	
<a href="#">TW-06407-83</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	17 (1.2)	
<a href="#">TW-06407-84</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	23 (1.6)	
<a href="#">TW-06407-85</a>	5/16 (8.0)	9/16 (14.4)	1/8 (3.2)	30 (2.1)	
<a href="#">TW-06407-86</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	14 (1.0)	
<a href="#">TW-06407-87</a>	3/8 (9.6)	5/8 (14.4)	3/32 (2.4)	20 (1.4)	
<a href="#">TW-06407-88</a>	3/8 (9.6)	3/4 (16.0)	1/8 (3.2)	25 (1.7)	
<a href="#">TW-06407-89</a>	7/16 (11.2)	9/16 (14.4)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-06407-90</a>	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	12 (1.8)	
<a href="#">TW-06407-91</a>	1/2 (12.8)	1 1/16 (1.6)	3/32 (2.4)	15 (1.0)	
<a href="#">TW-06407-92</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	20 (1.4)	
<a href="#">TW-06407-93</a>	1/2 (12.8)	13/16 (20.8)	5/32 (4.0)	24 (1.7)	
<a href="#">TW-06407-94</a>	5/8 (16.0)	19/16 (20.8)	3/32 (2.4)	13 (0.9)	
<a href="#">TW-06407-95</a>	5/8 (16.0)	7/8 (11.2)	1/8 (3.2)	17 (1.2)	
<a href="#">TW-06407-96</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	14 (1.0)	
<a href="#">TW-06407-97</a>	3/4 (19.1)	1 1/8 (28.6)	3/16 (4.8)	20 (1.4)	
<a href="#">TW-06407-98</a>	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-06407-99</a>	1 (25.4)	1 1/2 (66.8)	1/4 (6.4)	20 (1.4)	

### Microbore/ Autoanalysis Tubing

Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/30.5-m pk
	ID	OD	Wall		
<a href="#">TW-06460-10</a>	0.008 (0.19)	0.080 (2.03)	0.036 (0.91)	33	
<a href="#">TW-06460-12</a>	0.010 (0.25)	0.082 (2.08)	0.036 (0.91)	30	
<a href="#">TW-06460-14</a>	0.015 (0.38)	0.091 (2.31)	0.036 (0.91)	27	
<a href="#">TW-06460-16</a>	0.017 (0.44)	0.093 (2.36)	0.036 (0.91)	26	
<a href="#">TW-06460-18</a>	0.020 (0.51)	0.096 (2.44)	0.036 (0.91)	24	
<a href="#">TW-06460-22</a>	0.025 (0.64)	0.101 (2.57)	0.036 (0.91)	23	
<a href="#">TW-06460-24</a>	0.030 (0.76)	0.106 (2.69)	0.036 (0.91)	21	
<a href="#">TW-06460-26</a>	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
<a href="#">TW-06460-28</a>	0.040 (1.02)	0.116 (2.95)	0.036 (0.91)	19	
<a href="#">TW-06460-30</a>	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	
<a href="#">TW-06460-32</a>	0.051 (1.30)	0.127 (3.23)	0.036 (0.91)	18	
<a href="#">TW-06460-34</a>	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
<a href="#">TW-06460-36</a>	0.060 (1.52)	0.136 (3.45)	0.036 (0.91)	16	
<a href="#">TW-06460-38</a>	0.065 (1.65)	0.141 (3.58)	0.036 (0.91)	16	
<a href="#">TW-06460-40</a>	0.073 (1.85)	0.149 (3.78)	0.036 (0.91)	15	
<a href="#">TW-06460-42</a>	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
<a href="#">TW-06460-44</a>	0.090 (2.29)	0.166 (4.22)	0.036 (0.91)	13	
<a href="#">TW-06460-46</a>	0.100 (2.54)	0.176 (4.47)	0.036 (0.91)	12	
<a href="#">TW-06460-48</a>	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	



## Tygon® Food and Beverage Tubing



**Formulation:** Tygon B-44-3 **non-DEHP**  
**Applications:** Food and beverage processing and dispensing.  
**Characteristics:** Bio-based, phthalate-free flexible. Nonwetting, odorless, tasteless, and nontoxic. Clear.  
**Certifications:** FDA-compliant (21 CFR 175.300), NSF-listed (Standard 51), and meets 3A Sanitary standards (20-27) for food and beverage handling.  
**Temperature range:** -49 to 165°F (-45 to 74°C)  
**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-95632-01	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	100 (6.9)	
TW-95632-03	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	60 (4.1)	
TW-95632-05	3/16 (4.8)	3/8 (8.0)	1/16 (1.6)	43 (3.0)	
TW-95632-07	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	34 (2.3)	
TW-95632-09	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	28 (1.9)	
TW-95632-11	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	25 (1.7)	
TW-95632-13	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	34 (2.3)	
TW-95632-15	3/8 (9.6)	7/8 (22.4)	1/8 (3.2)	29 (2.0)	
TW-95632-17	3/4 (19.1)	1 (25.4)	1/8 (3.2)	25 (1.7)	
TW-95632-19	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	20 (1.4)	

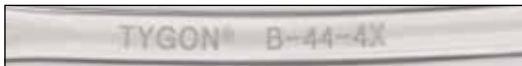
## Tygon® Silver Antimicrobial Non-DEHP Tubing



**Formulation:** Bio-based, phthalate-free flexible tubing  
**Applications:** Food and beverage processing, dairy, laboratory, environmental, chemical, and water purification.  
**Characteristics:** Silver ion antimicrobial coating inhibits microbe growth; not temperature sensitive. Long life, chemically resistant, nontoxic. Translucent silver.  
**Certifications:** Meets NSF-listed Standard 51 and FDA criteria.  
**Temperature range:** -31 to 165°F (-35 to 74°C)  
**Sterilize:** Ethylene oxide. **non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-90020-01	1/8 (3.1)	1/4 (6.3)	1/16 (1.5)	65 (4.9)	
TW-90020-02	3/16 (4.7)	3/8 (7.9)	1/16 (1.5)	50 (3.4)	
TW-90020-03	1/4 (6.3)	3/8 (9.5)	1/16 (1.5)	40 (2.8)	
TW-90020-04	3/8 (9.5)	1/2 (12.7)	1/16 (1.5)	30 (2.1)	
TW-90020-05	1/2 (12.7)	3/4 (19.0)	1/8 (3.1)	38 (2.6)	

## Tygon® Food, Milk, and Dairy Tubing



**Formulation:** Tygon B-44-4X **non-DEHP**  
**Applications:** Food and beverage processing and dispensing, milk and dairy processing.  
**Characteristics:** Bio-based, phthalate-free flexible. Nonwetting, odorless, tasteless, and nontoxic. Transparent.  
**Certification:** Resin is FDA-compliant (21 CFR 177.300), NSF-listed (Standard 51), and meets 3A Sanitary standards (20-27) for food and beverage handling.  
**Temperature range:** -49 to 165°F (-45 to 74°C)  
**Sterilize:** Autoclave for 30 min at 250°F, 15 psi (1 bar) or ethylene oxide. **non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-95644-03	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	60 (4.1)	
TW-95644-05	3/16 (4.8)	3/8 (8.0)	1/16 (1.6)	43 (3.0)	
TW-95644-07	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	34 (2.3)	
TW-95644-09	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	28 (1.9)	
TW-95644-11	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	25 (1.7)	
TW-95644-13	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	34 (2.3)	
TW-95644-15	3/8 (9.6)	7/8 (22.4)	1/8 (3.2)	29 (2.0)	
TW-95644-17	3/4 (19.1)	1 (25.4)	1/8 (3.2)	25 (1.7)	

## Tygon® High-Purity Tubing



**Formulation:** 2475  
**Applications:** Sensitive fluid transfer applications requiring high purity.  
**Characteristics:** Plasticizer free, smooth inner surface (inhibits particulate buildup and bacterial growth), safely disposed of through incineration, and nontoxic. Transparent.  
**Certifications:** Resin is FDA-compliant (21 CFR 177.1520) and meets USP 23 Class VI requirements. Tubing is manufactured according to GMP.  
**Temperature range:** -94 to 125°F (-70 to 52°C)  
**Sterilize:** Ethylene oxide or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	M/pk	Price/pk
	ID	OD	Wall			
TW-95635-50	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	49 (3.4)	15.2	
TW-95635-51	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	27 (1.9)	15.2	
TW-95635-52	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	19 (1.3)	15.2	
TW-95635-53	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	16 (1.1)	15.2	
TW-95635-54	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	13 (0.9)	15.2	
TW-95635-55	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	11 (0.8)	15.2	
TW-95635-56	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	15 (1.0)	15.2	
TW-95635-57	3/8 (9.6)	7/8 (22.4)	1/8 (3.2)	13 (0.9)	15.2	
TW-95635-58	3/4 (19.1)	1 (25.4)	1/8 (3.2)	11 (0.8)	15.2	
TW-95635-59	1 (25.4)	1 3/8 (35.0)	3/16 (4.8)	11 (0.8)	7.6	

## Tygon® High-Purity Reinforced Tubing



**Formulation:** 2475 I.B.  
**Applications:** Pharmaceutical and cosmetic processing, deionized water systems, cell harvest and media process systems, chemical transfer, preservative and sterile fill lines.  
**Characteristics:** Plasticizer free, smooth inner surface (inhibits particulate buildup and bacterial growth), and nontoxic. Transparent.  
**Certifications:** Resin is FDA-compliant (21 CFR 177.1550) and meets NSF criteria and European Pharmacopoeia.  
**Temperature range:** -103 to 130°F (-75 to 54°C)  
**Sterilize:** Ethylene oxide, gamma irradiation, or autoclave for 30 min, 15 psi (1 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	M/pk	Price/pk
	ID	OD	Wall			
TW-95360-50	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	150 (10.3)	15.2	
TW-95360-51	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	135 (9.3)	15.2	
TW-95360-52	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	125 (8.6)	15.2	
TW-95360-53	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	120 (8.3)	15.2	
TW-95360-55	1 (25.4)	1 3/8 (35.0)	3/16 (4.8)	112 (7.7)	7.6	

## Tygon® Pressure Tubing



**Formulation:** Tygon B-44-4X-I.B. **non-DEHP**  
**Applications:** Cosmetic production, food and dairy processing, beverage dispensing.  
**Characteristics:** Bio-based, phthalate-free. Handles up to four times the pressure of nonreinforced tubing; flexible; smooth nonporous bore resists particle entrapment; virtually taste and odor-free. Clear.  
**Certifications:** FDA-compliant (21 CFR 175.300), NSF-listed (Standard 51), and meets 3A Sanitary standards (20-27) for food and beverage handling.  
**Temperature range:** -49 to 165°F (-45 to 74°C)  
**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-95635-08	1/4 (6.3)	7/16 (11.1)	3/32 (2.3)	250 (17.2)	
TW-95635-09	3/8 (9.5)	5/8 (15.8)	1/8 (3.1)	170 (11.7)	
TW-95635-10	1/2 (12.8)	3/4 (19.1)	1/8 (3.1)	200 (13.8)	
TW-95635-11	5/8 (15.8)	7/8 (22.2)	1/8 (3.1)	165 (11.4)	

### Tygon® S-50-HL Tubing



**Applications:** Pharmaceutical and biotech research applications.

**Characteristics:** Clear for easy view of flow; non-wetted surface permits complete drainage.

**Certifications:** Documented biocompatibility to ISO 10993 Standard, meets USP Class VI criteria.

**Temperature range:** -55 to 165°F (-48 to 74°C)

**Sterilize:** Autoclave for 30 minutes at 15 psi (1 bar); radiation; or ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-95665-00	1/32 (0.8)	3/32 (2.4)	1/32 (0.8)	100 (6.9)	
TW-95665-01	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	55 (3.8)	
TW-95665-03	3/32 (2.4)	7/32 (5.6)	1/32 (0.8)	40 (2.8)	
TW-95665-04	3/32 (2.4)	7/32 (5.6)	1/16 (1.6)	70 (4.8)	
TW-95665-05	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	30 (2.1)	
TW-95665-06	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	55 (3.8)	
TW-95665-07	5/32 (4.0)	7/32 (5.6)	1/32 (0.8)	25 (1.7)	
TW-95665-08	5/32 (4.0)	9/32 (7.1)	1/16 (1.6)	45 (3.1)	
TW-95665-09	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	20 (1.4)	
TW-95665-10	3/16 (4.8)	3/16 (8.0)	1/16 (1.6)	40 (2.8)	
TW-95665-11	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	55 (3.8)	
TW-95665-12	3/16 (4.8)	7/16 (11.2)	1/8 (3.2)	70 (4.8)	
TW-95665-13	1/4 (6.4)	3/8 (9.6)	1/32 (0.8)	18 (1.2)	
TW-95665-14	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	30 (2.1)	
TW-95665-15	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	45 (1.7)	
TW-95665-16	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	55 (3.8)	
TW-95665-17	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	25 (1.7)	
TW-95665-20	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	20 (1.4)	
TW-95665-21	3/8 (9.6)	9/16 (14.3)	3/32 (2.4)	30 (2.1)	
TW-95665-22	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	40 (2.8)	
TW-95665-26	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	18 (1.2)	
TW-95665-27	1/2 (12.8)	11/16 (17.6)	3/32 (2.4)	25 (1.7)	
TW-95665-28	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	30 (2.1)	
TW-95665-31	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	25 (1.7)	
TW-95665-33	3/4 (19.1)	1 (25.4)	1/8 (3.2)	20 (1.4)	

### Tygon® Non-DEHP Ultra-Soft Tubing



**Formulation:** Tygon E-1000

**Applications:** General laboratory, synthesis, analytical, vent and drain lines. Ideal for lab installations requiring multiple directional changes, abrupt curves, or twisting.

**Characteristics:** High degree of flexibility, performs well at low temperatures, broad chemical resistance, resists kinking and collapse. Transparent.

**Certifications:** FDA-compliant (21 CFR 175.3000). Meets NSF 51 standards. REACH-compliant.

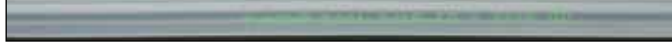
**Temperature range:** -67 to 125°F (-55 to 52°C)

**Sterilize:** Ethylene oxide.

**non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-65102-00	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	26 (1.8)	
TW-65102-02	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	16 (1.1)	
TW-65102-04	3/16 (4.8)	3/8 (8.0)	1/16 (1.6)	10 (0.7)	
TW-65102-06	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	8 (0.6)	
TW-65102-08	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	14 (0.9)	
TW-65102-10	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	7 (0.5)	
TW-65102-12	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	7 (0.5)	
TW-65102-14	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	11 (0.8)	
TW-65102-16	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	6 (0.4)	
TW-65102-18	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	8 (0.6)	

### Tygon® Chemical Tubing



**Formulation:** Tygon 2001

**Applications:** Soap and detergent dispensing, water purification lines, food contact applications, and chemical transfer.

**Characteristics:** Plasticizer-free; translucent; excellent chemical compatibility to weak and medium acids and bases, salts, and alcohol.

**Certifications:** FDA approved for food contact.

**Temperature range:** -108 to 135°F (-78 to 57°C)

**Sterilize:** Ethylene oxide, gamma irradiation, or steam at 30 min at 15 psi (1 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
TW-96430-00	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	45 (3.1)	
TW-96430-02	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	30 (2.1)	
TW-96430-04	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	22 (1.5)	
TW-96430-06	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	17 (1.8)	
TW-96430-08	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	14 (1.0)	
TW-96430-10	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	12 (0.8)	
TW-96430-12	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	16 (1.1)	
TW-96430-14	5/16 (8.0)	7/8 (22.4)	1/8 (3.2)	13 (0.9)	
TW-96430-16	3/4 (19.1)	1 (25.4)	1/8 (3.2)	11 (0.8)	
TW-96430-18	1 (25.4)	1 3/8 (35)	3/16 (4.8)	13 (0.9)	

### Cleargreen™ DEHP-Free PVC Tubing



**Applications:** Medical device, laboratory, food & beverage, pharmaceutical, environmental, and general lab applications.

**Characteristics:** Free of phthalates, low water absorption, low extractables. Odorless. Translucent.

**Certifications:** FDA approved, USP Class VI, 3A compliant, REACH-compliant.

**Temperature range:** -58 to 165°F (-50 to 74°C)

**Sterilize:** Autoclave or ethylene oxide.

**DEHP-free**

Catalog number	Dimensions in. (mm)			Price/15.2-m pk
	ID	OD	Wall	
TW-96605-20	1/8 (3.2)	1/4 (6.3)	1/16 (1.6)	
TW-96605-22	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
TW-96605-24	1/4 (6.3)	3/8 (9.5)	1/16 (1.6)	
TW-96605-27	1/4 (6.3)	1/2 (12.8)	1/8 (3.2)	
TW-96605-29	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	
TW-96605-31	3/8 (9.5)	1/2 (12.8)	1/16 (1.6)	
TW-96605-33	3/8 (9.5)	3/4 (15.9)	1/8 (3.2)	
TW-96605-35	1/2 (12.8)	3/4 (15.9)	1/16 (1.6)	
TW-96605-37	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	
TW-96605-39	5/8 (15.9)	1 (22.3)	1/8 (3.2)	
TW-96605-41	3/4 (19.1)	1 (25.4)	1/8 (3.2)	
TW-96605-43	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	

### Tygon® Microbore Tubing

**Applications:** General laboratory use; provides longer life with peristaltic tubing pumps.

**Characteristics:** Long life; won't age or oxidize. Bends to small radius curves. Nontoxic and transparent.

**Certifications:** USP Class VI requirements, EP 3.2.6, and FDA-compliant (21 CFR 175.300).

**Temperature range:** -58 to 165°F (-50 to 74°C)

**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar). After autoclaving, dry at no more than 150°F (66°C) for 2 to 2 1/2 hours.



Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/30.5-m pk
	ID	OD	Wall		
TW-06449-26	0.035 (0.89)	0.111 (2.82)	0.036 (0.91)	20	
TW-06449-30	0.045 (1.14)	0.121 (3.07)	0.036 (0.91)	18	
TW-06449-34	0.056 (1.42)	0.132 (3.35)	0.036 (0.91)	17	
TW-06449-42	0.081 (2.06)	0.157 (3.99)	0.036 (0.91)	14	
TW-06449-48	0.110 (2.79)	0.186 (4.72)	0.036 (0.91)	12	

### Tygon® UV-Resistant Tubing

**Formulation:** Tygon R-3400 UV Resistant

**Applications:** Light, ozone, and UV applications; outdoor applications; acid and caustic transfer; corrosive diffusible gas, ink and adhesive dispensing; fertilizer and pesticide transfer; electrical insulation.

**Characteristics:** Black in color, protects light-sensitive fluids, exceptional resistance to strong acids and many alkalines, excellent burn resistance.

**Certifications:** Meets UL 94V-0 and UL 94HB flammability ratings.

**Temperature range:** -5 to 165°F (-21 to 74°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95823-00</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	60 (4.1)	
<a href="#">TW-95823-02</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	45 (3.1)	
<a href="#">TW-95823-04</a>	3/32 (2.4)	1/2 (5.6)	1/16 (1.6)	80 (5.5)	
<a href="#">TW-95823-06</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	60 (4.1)	
<a href="#">TW-95823-08</a>	5/32 (4.0)	9/32 (7.1)	1/16 (1.6)	50 (3.4)	
<a href="#">TW-95823-10</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	25 (1.7)	
<a href="#">TW-95823-12</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	45 (3.1)	
<a href="#">TW-95823-14</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	60 (4.1)	
<a href="#">TW-95823-16</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-95823-18</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	50 (3.4)	
<a href="#">TW-95823-20</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	30 (2.1)	
<a href="#">TW-95823-22</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	25 (1.7)	
<a href="#">TW-95823-24</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	45 (3.1)	
<a href="#">TW-95823-26</a>	7/16 (11.2)	9/16 (14.3)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-95823-28</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	35 (2.4)	
<a href="#">TW-95823-30</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	30 (2.1)	
<a href="#">TW-95823-32</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	25 (1.7)	

### Tygon® Ultra Chemical-Resistant Tubing

**Formulation:** Tygon 2375

**Applications:** For use with highly aggressive chemicals—acids, bases, ketones, salts, and alcohols.

**Characteristics:** Plasticizer free, smoother inner surface (inhibits particulate build-up), hydrophobic, minimal outgassing, safe disposal via incineration, and nontoxic. Transparent.

**Certification:** FDA-(21 CFR 177.1550) and REACH-compliant. Meets NSF 51 Standard.

**Temperature range:** -108 to 130°F (-78 to 54°C)

**Sterilize:** Ethylene oxide or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95630-10</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	33 (2.8)	
<a href="#">TW-95630-11</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	55 (3.8)	
<a href="#">TW-95630-12</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	22 (1.5)	
<a href="#">TW-95630-13</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	33 (2.8)	
<a href="#">TW-95630-14</a>	5/32 (4.0)	7/32 (5.5)	1/32 (0.8)	16 (1.1)	
<a href="#">TW-95630-15</a>	3/16 (4.8)	9/16 (8.0)	1/16 (1.6)	22 (1.5)	
<a href="#">TW-95630-16</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-95630-17</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	16 (1.1)	
<a href="#">TW-95630-18</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	14 (1.0)	
<a href="#">TW-95630-19</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	24 (1.6)	
<a href="#">TW-95630-20</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	19 (1.3)	
<a href="#">TW-95630-21</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	16 (1.1)	
<a href="#">TW-95630-22</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	14 (1.1)	
<a href="#">TW-95630-23</a>	1 (25.4)	1 1/8 (35.0)	3/16 (4.8)	15 (1.0)	

#### Benchtop Tubing Cutter

Steel blade makes right-angle cuts in plastic tubing 1/16" to 3/8" OD.



Catalog number	Description	Price
<a href="#">LZ-06438-10</a>	Benchtop cutter	
<a href="#">LZ-06438-11</a>	Replacement blade	

### Tygon® FEP-Lined Tubing

**Formulation:** Tygon SE-200

**Applications:** Chemical and pharmaceutical processing, beverage dispensing, paint and solvent production, semiconductor processing.

**Characteristics:** Bio-based, phthalate-free. Flexible, chemically resistant, inert, non-contaminating. Odorless, nontoxic, and taste free. Clear.

**Certifications:** FDA-compliant (21 CFR 177.1550) for contact food products.

**Temperature range:** -49 to 165°F (-45 to 74°C)

**Sterilize:** Ethylene oxide.

**non-DEHP**

Catalog number	Dimensions: in. (mm)			Max psi at 73°F (bar at 23°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95713-50</a>	1/16 (1.5)	1/8 (3.2)	1/32 (0.7)	100 (6.9)	
<a href="#">TW-95713-00</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.5)	85 (5.9)	
<a href="#">TW-95713-10</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.5)	75 (5.2)	
<a href="#">TW-95713-20</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.5)	55 (3.8)	
<a href="#">TW-95713-30</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.3)	50 (3.4)	
<a href="#">TW-95713-41</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.1)	45 (3.1)	
<a href="#">TW-95713-60</a>	3/4 (19.0)	1 (25.4)	1/8 (3.1)	30 (2.1)	

### Tygon® Fuel and Lubricant Tubing

**Formulation:** Tygon F-4040-A

**Applications:** Fuels and industrial lubricants—gasoline, kerosene, heating oils, cutting compounds, and glycol-based coolants. Resists most hydrocarbons.

**Characteristics:** Resists embrittlement and swelling, ozone- and UV-resistant, with low-extractability. Translucent yellow.

**Certifications:** Meets NSF-51 and 3A sanitary standards.

**Temperature range:** -35 to 165°F (-37 to 74°C)

**Sterilization:** Not recommended.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95633-00</a>	3/32 (2.4)	3/16 (4.8)	3/64 (1.2)	52 (3.6)	
<a href="#">TW-95633-01</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	52 (3.6)	
<a href="#">TW-95633-02</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	37 (2.6)	
<a href="#">TW-95633-03</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	30 (2.1)	
<a href="#">TW-95633-04</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	25 (1.7)	
<a href="#">TW-95633-05</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-95633-06</a>	7/16 (11.2)	9/16 (14.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-95633-08</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	30 (2.4)	
<a href="#">TW-95633-09</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	25 (1.7)	
<a href="#">TW-95633-10</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	21 (1.4)	

### Solvent/Hydrocarbon Microbore Tubing

**Applications:** Ideal for chromatography applications and for the transfer of fuels, distillates, lubricants, and glycol-based coolants.

**Characteristics:** Resistant to ozone and UV light; resistant to cracking, swelling, and hardening. Translucent yellow.

**Certifications:** None.

**Temperature range:** -22 to 185°F (-30 to 85°C)

**Sterilize:** Not recommended.

Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95712-12</a>	0.010 (0.25)	0.082 (2.08)	0.036 (0.91)	30	
<a href="#">TW-95712-14</a>	0.015 (0.38)	0.091 (2.31)	0.038 (0.97)	27	
<a href="#">TW-95712-18</a>	0.020 (0.51)	0.096 (2.44)	0.038 (0.97)	24	
<a href="#">TW-95712-26</a>	0.035 (0.89)	0.111 (2.82)	0.038 (0.97)	20	
<a href="#">TW-95712-30</a>	0.045 (1.14)	0.121 (3.07)	0.038 (0.97)	18	
<a href="#">TW-95712-32</a>	0.051 (1.30)	0.127 (3.23)	0.038 (0.97)	18	
<a href="#">TW-95712-34</a>	0.056 (1.42)	0.132 (3.35)	0.038 (0.97)	17	
<a href="#">TW-95712-36</a>	0.060 (1.52)	0.136 (3.45)	0.038 (0.97)	16	
<a href="#">TW-95712-42</a>	0.081 (2.06)	0.157 (3.99)	0.038 (0.97)	14	
<a href="#">TW-95712-48</a>	0.110 (2.79)	0.186 (4.72)	0.038 (0.97)	12	

### Norprene® Pressure Tubing



**Applications:** Chemical transfer, pesticide/fertilizer delivery, water feed lines, food/dairy processing, and water purification lines.

**Characteristics:** Nonconductive, heat-sealable, nonaging, and nonoxidizing. Excellent resistance to acidic and alkali substances, ozone, UV light, and abrasive media. Maintains flexibility at extreme temperatures. Opaque beige.

**Certifications:** FDA 177.2600, and 3A Sanitary Standards.

**Temperature range:** -60 to 275°F (-51 to 135°C)

**Sterilize:** Autoclave.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95715-00</a>	1/4 (6.3)	1/2 (12.8)	1/8 (3.2)	125 (8.6)	
<a href="#">TW-95715-01</a>	3/8 (9.5)	5/8 (15.9)	1/8 (3.2)	104 (7.2)	
<a href="#">TW-95715-02</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	100 (6.9)	
<a href="#">TW-95715-03</a>	5/8 (15.9)	7/8 (22.2)	1/8 (3.2)	96 (6.6)	
<a href="#">TW-95715-04</a>	3/4 (19.1)	1 1/16 (26.9)	5/32 (4.0)	86 (5.9)	
<a href="#">TW-95715-05</a>	1 (25.4)	1 3/8 (34.9)	3/16 (4.7)	75 (5.2)	

### Norprene® Food-Grade Tubing



**Applications:** Ideal for the food, dairy, and beverage industries.

**Characteristics:** Heat, ozone, and UV light resistant; nonaging; nonoxidizing; superior acid and alkali resistance. Opaque beige.

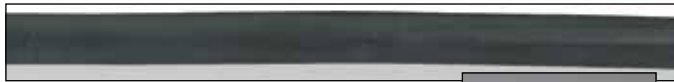
**Certifications:** Elastomer is FDA-compliant (21 CFR 177.2600) and NSF listed (Standard 51). Tubing is manufactured according to GMP.

**Temperature range:** -60 to 275°F (-51 to 135°C)

**Sterilize:** Autoclave.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95710-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	34 (2.3)	
<a href="#">TW-95710-10</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-95710-20</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-95710-30</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-95710-40</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	19 (1.3)	
<a href="#">TW-95710-50</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	8 (0.6)	
<a href="#">TW-95710-60</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	13 (0.9)	
<a href="#">TW-95710-70</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-95710-80</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	7 (0.5)	
<a href="#">TW-95710-90</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	8 (0.6)	

### Black Rubber Vacuum Tubing



**Applications:** Vacuum and pressure applications for general lab and industrial use.

**Characteristics:** Thick wall, flexible.

**Certifications:** None.

**Temperature range:** 0 to 150°F (-18 to 65°C)

**Sterilize:** Ethylene oxide or autoclave for 30 minutes at 15 psi (1.0 bar).

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/7.6-m pk
	ID	OD	Wall		
<a href="#">TW-96143-03</a>	3/16 (4.8)	9/16 (14.4)	3/16 (4.8)	68 (4.7)	
<a href="#">TW-96143-05</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	41 (2.8)	
<a href="#">TW-96143-07</a>	1/4 (6.4)	5/8 (15.9)	3/16 (4.8)	50 (3.4)	
<a href="#">TW-96143-09</a>	3/8 (9.5)	7/8 (22.4)	1/4 (6.4)	48 (3.3)	
<a href="#">TW-96143-11</a>	1/2 (12.8)	1 (25.4)	1/4 (6.4)	40 (2.8)	
<a href="#">TW-96143-13</a>	1/2 (12.8)	1 1/8 (28.6)	5/16 (8.0)	42 (2.9)	
<a href="#">TW-96143-15</a>	5/8 (15.9)	1 3/8 (35.0)	3/8 (9.5)	52 (3.6)	
<a href="#">TW-96143-17</a>	3/4 (19.1)	1 1/2 (38.1)	3/8 (9.5)	40 (2.8)	

### Norprene® Tubing



**Applications:** For applications requiring excellent chemical, heat, ozone, and ultraviolet (UV) light resistance.

**Characteristics:** Nonconductive, heat-sealable, nonaging, nonoxidizing, with superior acid and alkali resistance. Opaque black.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** -75 to 275°F (-60 to 135°C)

**Sterilize:** Autoclave.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06410-01</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	34 (2.3)	
<a href="#">TW-06410-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-06410-03</a>	1/8 (3.2)	3/8 (9.6)	1/8 (3.2)	34 (2.3)	
<a href="#">TW-06410-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-06410-05</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06410-06</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	15 (1.0)	
<a href="#">TW-06410-07</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	19 (1.3)	
<a href="#">TW-06410-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	8 (0.6)	
<a href="#">TW-06410-09</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	12 (0.8)	
<a href="#">TW-06410-10</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	7 (0.5)	
<a href="#">TW-06410-11</a>	3/8 (9.6)	9/16 (14.4)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-06410-12</a>	3/8 (9.6)	5/8 (16.0)	1/8 (3.2)	13 (0.9)	
<a href="#">TW-06410-13</a>	7/16 (11.2)	9/16 (14.4)	1/16 (1.6)	6 (0.4)	
<a href="#">TW-06410-14</a>	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	6 (0.4)	
<a href="#">TW-06410-15</a>	1/2 (12.8)	1 1/16 (17.6)	3/32 (2.4)	8 (0.6)	
<a href="#">TW-06410-16</a>	5/8 (16.0)	13/16 (20.8)	3/32 (2.4)	7 (0.5)	
<a href="#">TW-06410-17</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	8 (0.6)	
<a href="#">TW-06410-18</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	7 (0.5)	
<a href="#">TW-06410-19</a>	1 (25.4)	1 1/4 (31.8)	1/8 (3.2)	6 (0.4)	

### Gum-Rubber Tubing



**Applications:** General-purpose liquid and gas applications.

**Characteristics:** Nontacky and seamless. Natural color.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** -15 to 158°F (-26 to 70°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/15.2-m pk
	ID	OD	Wall		
<a href="#">TW-06448-13</a>	3/32 (2.4)	5/32 (4.0)	1/32 (0.8)	14 (1.0)	
<a href="#">TW-06448-14</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	10 (0.7)	
<a href="#">TW-06448-15</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	21 (1.4)	
<a href="#">TW-06448-16</a>	1/8 (3.2)	3/8 (9.6)	1/8 (3.2)	25 (1.7)	
<a href="#">TW-06448-17</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-06448-18</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	8 (0.6)	
<a href="#">TW-06448-19</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-06448-20</a>	1/4 (6.4)	7/16 (11.2)	3/32 (2.4)	17 (1.8)	
<a href="#">TW-06448-21</a>	1/4 (6.4)	1/2 (12.8)	1/8 (3.2)	17 (1.8)	
<a href="#">TW-06448-22</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	10 (0.7)	
<a href="#">TW-06448-23</a>	5/16 (8.0)	1/2 (12.8)	3/32 (2.4)	10 (0.7)	
<a href="#">TW-06448-24</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	10 (0.7)	



## EVA (Ethyl Vinyl Acetate) Microbore Tubing



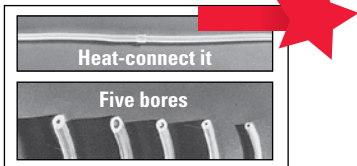
**Applications:** Ideal for clinical and biological testing.

**Characteristics:** Cross-linked tubing is biologically stable, nontoxic, and noncontaminating. Flexible Micro-Line™ tubing has virtually 100% elastic memory—returns to its original shape with gentle heating. Tensile strength is 2700 psi; durometer hardness is Shore-A 90. Translucent.

**Certifications:** FDA-compliant (21 CFR 177.1350), USP Class VI, and National Formulary Vol. 14 specifications.

**Temperature range:** -29 to 180°F (-34 to 82°C)

**Sterilize:** Autoclave, ethylene oxide, gamma irradiation, or dry heat.



Catalog number	Dimensions: in. (mm)			Fits needle gauge	Price/ 30.5-m roll
	ID	OD	Wall		
<a href="#">TW-06492-02</a>	0.020 (0.51)	0.060 (1.52)	0.020 (0.51)	25	
<a href="#">TW-06492-03</a>	0.030 (0.76)	0.090 (2.29)	0.030 (0.76)	20 to 21	
<a href="#">TW-06492-04</a>	0.040 (1.02)	0.070 (1.78)	0.015 (0.38)	18 to 19	
<a href="#">TW-06492-05</a>	0.050 (1.27)	0.090 (2.29)	0.020 (0.51)	17 to 18	

## Viton® Tubing



**Applications:** Acid and solvent transfer; high-temperature work.

**Characteristics:** Opaque black.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** 8 to 400°F (-13 to 204°C)

**Sterilize:** Not recommended.



Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06434-01</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	23 (1.6)	
<a href="#">TW-06434-02</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)	21 (1.4)	
<a href="#">TW-06434-03</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)	19 (1.3)	
<a href="#">TW-06434-04</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	17 (1.2)	
<a href="#">TW-06434-05</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-06434-06</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	18 (1.2)	
<a href="#">TW-06434-07</a>	1/2 (12.8)	5/8 (16.0)	1/16 (1.6)	16 (1.1)	
<a href="#">TW-06434-08</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	17 (1.8)	
<a href="#">TW-06434-09</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	15 (1.0)	

## FDA-Approved Viton® Tubing



**Applications:** Food or laboratory applications where FDA compliance is required, acid and solvent transfer, high temperature work.

**Characteristics:** Good chemical resistance, opaque white.

**Certifications:** FDA-approved (21 CFR 177.2600).

**Temperature range:** -25 to 399°F (-32 to 204°C)

**Sterilize:** Circulating hot air oven at 480°F (249°C) for 16 hours.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 7.6-m pk
	ID	OD	Wall		
<a href="#">TW-06435-01</a>	1/16 (1.6)	1/8 (3.2)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-06435-02</a>	1/8 (3.2)	3/16 (4.8)	1/32 (0.8)		
<a href="#">TW-06435-03</a>	3/16 (4.8)	1/4 (6.4)	1/32 (0.8)		
<a href="#">TW-06435-04</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	15 (1.0)	
<a href="#">TW-06435-05</a>	5/16 (8.0)	7/16 (11.1)	1/16 (1.6)		
<a href="#">TW-06435-06</a>	3/8 (9.5)	1/2 (12.8)	1/16 (1.6)		
<a href="#">TW-06435-07</a>	1/2 (12.8)	5/8 (15.9)	1/16 (1.6)	15 (1.0)	
<a href="#">TW-06435-08</a>	5/8 (15.9)	7/8 (22.2)	1/8 (3.2)		
<a href="#">TW-06435-09</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)		

## Norprene® Chemical Tubing



**Applications:** Excellent for chemical processing and general industrial applications. Food and beverage applications where extractables are a concern.

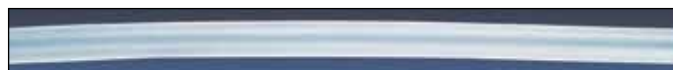
**Characteristics:** Norprene thermoplastic elastomer outer jacket with chemically inert Tygon® 2075 inner bore for excellent chemical resistance. Plasticizer-free to guard against extractables. Long flex life. Opaque beige.

**Temperature range:** -76 to 165°F (-60 to 74°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95716-06</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	19 (1.3)	
<a href="#">TW-95716-11</a>	1/4 (6.4)	5/16 (8.0)	1/32 (0.8)	9 (0.6)	
<a href="#">TW-95716-14</a>	3/16 (4.8)	3/8 (9.6)	3/32 (2.4)	19 (1.3)	
<a href="#">TW-95716-21</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	9 (0.6)	
<a href="#">TW-95716-29</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	12 (0.8)	

## Tygoprene® Tubing



**Formulation:** Tygoprene XL-60

**Applications:** Ink transfer, soap and detergent delivery, cold or hot beverage transfer and dispensing, food processing, general chemical transfer and processing.

**Characteristics:** Low extractables, excellent resistance to ozone, oxygen, and sunlight aging. Resistance to a wide range of fluids, including acids and bases. Translucent.

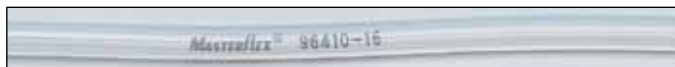
**Certifications:** FDA compliant (21 CFR 177.1210). Tubing is NSF listed under Standard 51.

**Temperature range:** -87 to 250°F (-66 to 121°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/ 15.2-m pk
	ID	OD	Wall		
<a href="#">TW-95870-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	35 (2.4)	
<a href="#">TW-95870-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	20 (1.4)	
<a href="#">TW-95870-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	13 (0.9)	
<a href="#">TW-95870-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	15 (1.0)	
<a href="#">TW-95870-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-95870-10</a>	3/8 (9.6)	1/2 (12.8)	1/16 (1.6)	12 (0.8)	
<a href="#">TW-95870-12</a>	1/2 (12.8)	3/4 (19.1)	1/8 (3.2)	15 (1.0)	
<a href="#">TW-95870-14</a>	5/8 (16.0)	7/8 (22.4)	1/8 (3.2)	12 (0.8)	
<a href="#">TW-95870-16</a>	3/4 (19.1)	1 (25.4)	1/8 (3.2)	12 (0.8)	

### MASTERFLEX® Platinum-Cured Silicone Pump Tubing



**Applications:** Pharmaceutical, biotech, peristaltic pumping, and food applications.

**Characteristics:** Excellent heat resistance, low compression set, odorless, nontoxic. Translucent.

**Certifications:** FDA-compliant (21 CFR 177.2600); meets or exceeds USP Class VI and EP extractable requirements; exceeds Class VI Plastic Test and 3A Sanitary Standards requirements; produced to Bulk Pharmaceutical cGMPs (FDA 210, 211).

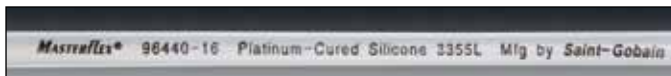
**Temperature range:** -58 to 446°F (-50 to 230°C)

**Sterilize:** Autoclave or gamma irradiation.



Tubing size	Hose barb in. (mm)	Pack			Spool		
		Catalog number	M/pk	Price/pk	Catalog number	M/spool	Price/spool
<b>L/S® Precision pump tubing</b>							
L/S 13	1/16 (1.6)	<a href="#">LZ-96410-13</a>	7.6		<a href="#">LZ-96403-13</a>	152	
L/S 14	1/16 (1.6)	<a href="#">LZ-96410-14</a>	7.6		<a href="#">LZ-96403-14</a>	152	
L/S 16	1/8 (3.2)	<a href="#">LZ-96410-16</a>	7.6		<a href="#">LZ-96403-16</a>	152	
L/S 25	3/16 (4.8)	<a href="#">LZ-96410-25</a>	7.6		<a href="#">LZ-96403-25</a>	152	
L/S 17	1/4 (6.4)	<a href="#">LZ-96410-17</a>	7.6		<a href="#">LZ-96403-17</a>	152	
L/S 18	3/8 (9.5)	<a href="#">LZ-96410-18</a>	7.6		<a href="#">LZ-96403-18</a>	122	
<b>L/S® High-Performance Precision pump tubing</b>							
L/S 15	3/16 (4.8)	<a href="#">LZ-96410-15</a>	7.6		<a href="#">LZ-96403-15</a>	122	
L/S 24	1/4 (6.4)	<a href="#">LZ-96410-24</a>	7.6		<a href="#">LZ-96403-24</a>	91	
L/S 35	3/8 (9.5)	<a href="#">LZ-96410-35</a>	7.6		<a href="#">LZ-96403-35</a>	91	
L/S 36	3/8 (9.5)	<a href="#">LZ-96410-36</a>	7.6		<a href="#">LZ-96403-36</a>	30.5	
<b>I/P® Precision pump tubing</b>							
I/P 26	1/4 (6.4)	<a href="#">LZ-96410-26</a>	7.6		<a href="#">LZ-96403-26</a>	61	
I/P 73	3/8 (9.5)	<a href="#">LZ-96410-73</a>	7.6		<a href="#">LZ-96403-73</a>	46	
I/P 82	1/2 (12.8)	<a href="#">LZ-96410-82</a>	7.6		<a href="#">LZ-96403-82</a>	30.5	
<b>I/P® High-Performance Precision pump tubing</b>							
I/P 70	3/8 (9.5)	<a href="#">LZ-96510-70</a>	3				
I/P 88	1/2 (12.8)	<a href="#">LZ-96510-88</a>	3				
I/P 89	3/8 (9.5)	<a href="#">LZ-96510-89</a>	3				
<b>B/T® PerfectPosition™ pump tubing</b>							
B/T 87	3/8 (9.5)	<a href="#">LZ-96510-87</a>	3				
B/T 91	3/4 (19.0)	<a href="#">LZ-96510-91</a>	3				

### MASTERFLEX® BioPharm Plus Silicone Pump Tubing



**Applications:** Pharmaceutical, cosmetic, medical, and autoanalysis applications requiring long service life and lower gas permeability.

**Characteristics:** Platinum-cured silicone. Ultra-smooth inner liner with extremely low leachables. Lower spallation and excellent pumping service life. Translucent.

**Certifications:** FDA-compliant (21 CFR 177.2600). Meets USP Class VI and EP 3.1.9 requirements. Exceeds 3A sanitary standards.

**Temperature range:** -75 to 450°F (-60 to 232°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96440-13</a>	L/S 13	1/16 (1.6)	7.6	
<a href="#">LZ-96440-14</a>	L/S 14	1/16 (1.6)	7.6	
<a href="#">LZ-96440-16</a>	L/S 16	1/8 (3.2)	7.6	
<a href="#">LZ-96440-25</a>	L/S 25	3/16 (4.8)	7.6	
<a href="#">LZ-96440-17</a>	L/S 17	1/4 (6.4)	7.6	
<a href="#">LZ-96440-18</a>	L/S 18	3/8 (9.5)	7.6	
<b>L/S High-Performance Precision pump tubing</b>				
<a href="#">LZ-96440-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">LZ-96440-24</a>	L/S 24	1/4 (6.4)	7.6	
<a href="#">LZ-96440-35</a>	L/S 35	3/8 (9.5)	7.6	
<a href="#">LZ-96440-36</a>	L/S 36	3/8 (9.5)	7.6	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96440-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">LZ-96440-73</a>	I/P 73	3/8 (9.5)	7.6	
<a href="#">LZ-96440-82</a>	I/P 82	1/2 (12.8)	7.6	
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-96445-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-96445-91</a>	B/T 91	3/4 (19.0)	3	

**Find MORE!**

Masterflex® tubing formulation information in our Pumps section

### MASTERFLEX® Peroxide-Cured Silicone Pump Tubing



**Applications:** Pharmaceutical, biotechnology, peristaltic pumping, and food applications.

**Characteristics:** Excellent heat resistance, low compression set, odorless, nontoxic. Translucent.

**Certifications:** FDA-compliant (21 CFR 177.2600) and meets USP Class VI and EP requirements. Tubing is manufactured according to GMP.

**Temperature range:** -58 to 446°F (-50 to 230°C)

**Sterilize:** Autoclave or ethylene oxide.



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96400-13</a>	L/S 13	1/16 (1.6)	7.6	
<a href="#">LZ-96400-14</a>	L/S 14	1/16 (1.6)	7.6	
<a href="#">LZ-96400-16</a>	L/S 16	1/8 (3.2)	7.6	
<a href="#">LZ-96400-25</a>	L/S 25	3/16 (4.8)	7.6	
<a href="#">LZ-96400-17</a>	L/S 17	1/4 (6.4)	7.6	
<a href="#">LZ-96400-18</a>	L/S 18	3/8 (9.5)	7.6	

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96400-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">LZ-96400-24</a>	L/S 24	1/4 (6.4)	7.6	
<a href="#">LZ-96400-35</a>	L/S 35	3/8 (9.5)	7.6	
<a href="#">LZ-96400-36</a>	L/S 36	3/8 (9.5)	7.6	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96400-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">LZ-96400-73</a>	I/P 73	3/8 (9.5)	7.6	
<a href="#">LZ-96400-82</a>	I/P 82	1/2 (12.8)	7.6	
<b>I/P® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96400-70</a>	I/P 70	3/8 (9.5)	3	
<a href="#">LZ-96400-88</a>	I/P 88	1/2 (12.8)	3	
<a href="#">LZ-96400-89</a>	I/P 89	3/8 (9.5)	3	
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-96400-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-96400-91</a>	B/T 91	3/4 (19.0)	3	

## MASTERFLEX® Puri-Flex™ Pump Tubing



**Applications:** Cell and tissue culture work, pharmaceutical biotech, and general-purpose lab uses requiring high performance and long life. High-purity applications requiring no contact with animal-derived components.

**Characteristics:** Exceptional tensile and tear strength; good biocompatibility; low gas permeability; smooth surface. Translucent.

**Certifications:** FDA-compliant (21 CFR 177.2600); meets USP Class VI requirements. Tubing is manufactured according to GMP.

**Temperature range:** -58 to 275°F (-50 to 135°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

**non-DEHP**

ANIMAL DERIVED  
INGREDIENT FREE

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96419-13</a>	L/S 13	1/16 (1.6)	7.6	
<a href="#">LZ-96419-14</a>	L/S 14	1/16 (1.6)		
<a href="#">LZ-96419-16</a>	L/S 16	1/8 (3.2)		
<a href="#">LZ-96419-25</a>	L/S 25	3/16 (4.8)		
<a href="#">LZ-96419-17</a>	L/S 17	1/4 (6.4)		
<a href="#">LZ-96419-18</a>	L/S 18	3/8 (9.5)		
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96419-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">LZ-96419-24</a>	L/S 24	1/4 (6.4)		
<a href="#">LZ-96419-35</a>	L/S 35	3/8 (9.5)		
<a href="#">LZ-96419-36</a>	L/S 36	3/8 (9.5)		
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96419-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">LZ-96419-73</a>	I/P 73	3/8 (9.5)		
<a href="#">LZ-96419-82</a>	I/P 82	1/2 (12.8)		
<b>I/P® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96419-70</a>	I/P 70	3/8 (9.5)	3	
<a href="#">LZ-96419-88</a>	I/P 88	1/2 (12.8)		
<a href="#">LZ-96419-89</a>	I/P 89	5/8 (15.9)		
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-96419-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-96419-91</a>	B/T 91	3/4 (19.1)		

## MASTERFLEX® C-Flex® ULTRA



**Applications:** General-purpose lab uses requiring high performance and long life.

**Characteristics:** Exceptional tensile and tear strength; good biocompatibility; low spallation, reduced residue and low gas permeability; and a smooth surface. Translucent.

**Certificates:** USP Class VI, EP 3.2.9.

**Temperature range:** -76.6 to 250°F (-60 to 121°C)

**Sterilize:** Gamma irradiation, or one cycle of autoclave at 250°F (121°C) and 15 psi (1 bar) for 30 minutes.

**non-DEHP**

ANIMAL DERIVED  
INGREDIENT FREE

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">TW-06434-14</a>	L/S 14	1/16 (1.6)	7.6	
<a href="#">TW-06434-16</a>	L/S 16	1/8 (3.2)		
<a href="#">TW-06434-25</a>	L/S 25	3/16 (4.8)		
<a href="#">TW-06434-17</a>	L/S 17	1/4 (6.4)		
<a href="#">TW-06434-18</a>	L/S 18	3/8 (9.5)		
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">TW-06434-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">TW-06434-24</a>	L/S 24	1/4 (6.4)		
<a href="#">TW-06434-35</a>	L/S 35	3/8 (9.5)		
<a href="#">TW-06434-36</a>	L/S 36	3/8 (9.5)		
<b>I/P® Precision pump tubing</b>				
<a href="#">TW-06434-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">TW-06434-73</a>	I/P 73	3/8 (9.5)		
<a href="#">TW-06434-82</a>	I/P 82	1/2 (12.8)		

## MASTERFLEX® BioPharm Platinum-Cured Silicone Pump Tubing



**Formulation:** Tygon® 3350 silicone, platinum cured.

**Applications:** Pharmaceutical, cosmetic, medical, and auto-analysis applications.

**Characteristics:** Ultra-smooth; minimizes bacterial growth. Good for mild to medium concentration bases, salts, and alcohols; odorless, tasteless, and nontoxic. Transparent.

**Certifications:** FDA-compliant (21 CFR 177.2600); meets USP Class VI, meets or exceeds EP 3.1.9. requirements; exceeds 3A Standards. Tubing is manufactured according to GMP.

**Temperature range:** -75 to 450°F (-60 to 232°C)

**Sterilize:** Ethylene oxide gamma irradiation, or autoclave for 30 min, 15 psi (1 bar).

**non-DEHP**

Tubing size	Hose barb in. (mm)	Pack			Spool		
		Catalog number	M/pk	Price/pk	Catalog number	M/spool	Price/spool
<b>L/S® Precision pump tubing</b>							
L/S 13	1/16 (1.6)	<a href="#">LZ-96420-13</a>	3		—	—	—
L/S 14	1/16 (1.6)	<a href="#">LZ-96420-14</a>	3		<a href="#">LZ-96423-14</a>	122	
L/S 16	1/8 (3.2)	<a href="#">LZ-96420-16</a>	3		<a href="#">LZ-96423-16</a>	122	
L/S 25	3/16 (4.8)	<a href="#">LZ-96420-25</a>	3		<a href="#">LZ-96423-25</a>	122	
L/S 17	1/4 (6.4)	<a href="#">LZ-96420-17</a>	3		<a href="#">LZ-96423-17</a>	122	
L/S 18	3/8 (9.5)	<a href="#">LZ-96420-18</a>	3		<a href="#">LZ-96423-18</a>	122	
<b>L/S® High-Performance Precision pump tubing</b>							
L/S 15	3/16 (4.8)	<a href="#">LZ-96420-15</a>	3		<a href="#">LZ-96423-15</a>	122	
L/S 24	1/4 (6.4)	<a href="#">LZ-96420-24</a>	3		<a href="#">LZ-96423-24</a>	122	
L/S 35	3/8 (9.5)	<a href="#">LZ-96420-35</a>	3		<a href="#">LZ-96423-35</a>	122	
L/S 36	3/8 (9.5)	<a href="#">LZ-96420-36</a>	3		—	—	—
<b>I/P® Precision pump tubing</b>							
I/P 26	1/4 (6.4)	<a href="#">LZ-96420-26</a>	3		<a href="#">LZ-96423-26</a>	122	
I/P 73	3/8 (9.5)	<a href="#">LZ-96420-73</a>	3		<a href="#">LZ-96423-73</a>	30.5	
I/P 82	1/2 (12.8)	<a href="#">LZ-96420-82</a>	3		—	—	—
<b>I/P® High-Performance Precision pump tubing</b>							
I/P 70	3/8 (9.5)	<a href="#">LZ-96421-70</a>	3		—	—	—
I/P 88	1/2 (12.8)	<a href="#">LZ-96421-88</a>	3		<a href="#">LZ-96423-88</a>	30.5	
I/P 89	5/8 (15.9)	<a href="#">LZ-96421-89</a>	3		<a href="#">LZ-96423-89</a>	30.5	
<b>B/T® Precision pump tubing</b>							
B/T 88	1/2 (12.8)	—	—	—	<a href="#">LZ-96423-88</a>	30.5	
B/T 92	1 (25.4)	—	—	—	<a href="#">LZ-96423-92</a>	30.5	



**MASTERFLEX® C-FLEX® Pump Tubing**



**Applications:** General-purpose lab uses requiring high performance and long life.  
**Characteristics:** Exceptional tensile and tear strength; good biocompatibility; low gas permeability; and a smooth surface. Opaque white.  
**Certifications:** FDA-compliant (21 CFR 177.2600); meets USP 31 and 32, and EP 3.2.9, ACDf. Tubing is manufactured according to GMP.  
**Temperature range:** -100 to 275°F (-73 to 135°C)  
**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Tubing size	Hose barb in. (mm)	7.6-m pack		Spool	
		Catalog number	Price/pk	Catalog number	M/spool
<b>L/S® Precision pump tubing</b>					
L/S 13	1/16 (1.6)	<a href="#">LZ-06424-13</a>		<a href="#">LZ-06427-13</a>	122
L/S 14	1/16 (1.6)	<a href="#">LZ-06424-14</a>		<a href="#">LZ-06427-14</a>	122
L/S 16	1/8 (3.2)	<a href="#">LZ-06424-16</a>		<a href="#">LZ-06427-16</a>	122
L/S 25	3/16 (4.8)	<a href="#">LZ-06424-25</a>		<a href="#">LZ-06427-25</a>	122
L/S 17	1/4 (6.4)	<a href="#">LZ-06424-17</a>		<a href="#">LZ-06427-17</a>	122
L/S 18	3/8 (9.5)	<a href="#">LZ-06424-18</a>		<a href="#">LZ-06427-18</a>	122
<b>L/S® High-Performance Precision pump tubing</b>					
L/S 15	3/16 (4.8)	<a href="#">LZ-06424-15</a>		<a href="#">LZ-06427-15</a>	122
L/S 24	1/4 (6.4)	<a href="#">LZ-06424-24</a>		<a href="#">LZ-06427-24</a>	122
L/S 35	3/8 (9.5)	<a href="#">LZ-06424-35</a>		<a href="#">LZ-06427-35</a>	122
L/S 36	3/8 (9.5)	<a href="#">LZ-06424-36</a>		<a href="#">LZ-06427-36</a>	122
<b>I/P® Precision pump tubing</b>					
I/P 26	1/4 (6.4)	<a href="#">LZ-06424-26</a>		<a href="#">LZ-06427-26</a>	122
I/P 73	3/8 (9.5)	<a href="#">LZ-06424-73</a>		<a href="#">LZ-06427-73</a>	30.5
I/P 82	1/2 (12.8)	<a href="#">LZ-06424-82</a>		<a href="#">LZ-06427-82</a>	30.5
<b>I/P® High-Performance Precision pump tubing</b>					
I/P 70	3/8 (9.5)	<a href="#">LZ-06424-70</a>		—	—
I/P 88	1/2 (12.8)	<a href="#">LZ-06424-88</a>		—	—
I/P 89	5/8 (15.9)	<a href="#">LZ-06424-89</a>		—	—
<b>B/T® PerfectPosition™ pump tubing (3-m/pack)</b>					
B/T 87	3/8 (9.5)	<a href="#">LZ-06424-87</a>		—	—
B/T 91	3/4 (19.1)	<a href="#">LZ-06424-91</a>		—	—

**MASTERFLEX® PharMed® BPT Tubing**



**Applications:** Cell and tissue culture work and pharmaceutical uses. Also good for light-sensitive samples.  
**Characteristics:** Nontoxic; nonhemolytic; extremely low permeability; resists acids, alkalis, oxidizing agents, and animal and vegetable oils; heat-sealable, bondable, and formable. Opaque beige.  
**Certifications:** FDA-compliant (1 CFR 177.2600) and meets USP Class VI, EP, and NSF-51 requirements. Tubing is manufactured according to GMP.  
**Temperature range:** -60 to 270°F (-51 to 132°C)  
**Sterilize:** Autoclave, ethylene oxide, or gamma radiation.



Tubing size	Hose barb in. (mm)	7.6-m pack		Spool	
		Cat. no.	Price/pk	Cat. no.	M/spool
<b>L/S® Precision pump tubing</b>					
L/S 13	1/16 (1.6)	<a href="#">LZ-06508-13</a>		<a href="#">LZ-95687-13</a>	152
L/S 14	1/16 (1.6)	<a href="#">LZ-06508-14</a>		<a href="#">LZ-95687-14</a>	152
L/S 16	1/8 (3.2)	<a href="#">LZ-06508-16</a>		<a href="#">LZ-95687-16</a>	152
L/S 25	3/16 (4.8)	<a href="#">LZ-06508-25</a>		<a href="#">LZ-95687-25</a>	152
L/S 17	1/4 (6.4)	<a href="#">LZ-06508-17</a>		<a href="#">LZ-95687-17</a>	152
L/S 18	3/8 (9.5)	<a href="#">LZ-06508-18</a>		<a href="#">LZ-95687-18</a>	152
<b>L/S® High-Performance Precision pump tubing</b>					
L/S 15	3/16 (4.8)	<a href="#">LZ-06508-15</a>		<a href="#">LZ-95687-15</a>	122
L/S 24	1/4 (6.4)	<a href="#">LZ-06508-24</a>		<a href="#">LZ-95687-24</a>	91
L/S 35	3/8 (9.5)	<a href="#">LZ-06508-35</a>		<a href="#">LZ-95687-35</a>	91
L/S 36	3/8 (9.5)	<a href="#">LZ-06508-36</a>		<a href="#">LZ-95687-36</a>	30.5
<b>I/P® Precision pump tubing</b>					
I/P 26	1/4 (6.4)	<a href="#">LZ-06508-26</a>		<a href="#">LZ-95687-26</a>	61
I/P 73	3/8 (9.5)	<a href="#">LZ-06508-73</a>		<a href="#">LZ-95687-73</a>	46
I/P 82	1/2 (12.8)	<a href="#">LZ-06508-82</a>		<a href="#">LZ-95687-82</a>	30.5
<b>I/P® High-Performance Precision pump tubing</b>					
I/P 70	3/8 (9.5)	<a href="#">LZ-06508-70</a>		<a href="#">LZ-95687-70</a>	30.5
I/P 88	1/2 (12.8)	<a href="#">LZ-06508-88</a>		<a href="#">LZ-95687-88</a>	30.5
I/P 89	5/8 (15.9)	<a href="#">LZ-06508-89</a>		<a href="#">LZ-95687-89</a>	30.5
<b>B/T® Precision pump tubing</b>					
B/T 88	1/2 (12.8)	—	—	<a href="#">LZ-95687-88</a>	30.5
B/T 92	1 (25.4)	—	—	<a href="#">LZ-95687-92</a>	30.5
<b>B/T® High-Performance Precision pump tubing</b>					
B/T 86	3/8 (9.5)	—	—	—	—
B/T 90	3/4 (19.0)	—	—	<a href="#">LZ-95687-90</a>	30.5
<b>B/T® PerfectPosition™ pump tubing (3-m/pack)</b>					
B/T 87	3/8 (9.5)	<a href="#">LZ-06507-87</a>		—	—
B/T 91	3/4 (19.1)	<a href="#">LZ-06507-91</a>		—	—

**MASTERFLEX® PharmaPure® Pump Tubing**



**Applications:** Pharmaceutical, biotech, and food applications.  
**Characteristics:** Long life under pressure up to 60 psi (4 bar), excellent biocompatibility, low extractables, very low spallation. Opaque off-white.  
**Certifications:** FDA-compliant (21 CFR 177.2600) and meets USP Class VI, EP, 3.2.9. Manufactured according to good GMP.  
**Temperature range:** -60 to 270°F (-51 to 132°C)  
**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-06435-13</a>	L/S 13	1/16 (1.6)	7.6	
<a href="#">LZ-06435-14</a>	L/S 14	1/16 (1.6)	7.6	
<a href="#">LZ-06435-16</a>	L/S 16	1/8 (3.2)	7.6	
<a href="#">LZ-06435-25</a>	L/S 25	3/16 (4.8)	7.6	
<a href="#">LZ-06435-17</a>	L/S 17	1/4 (6.4)	7.6	
<a href="#">LZ-06435-18</a>	L/S 18	3/8 (9.5)	7.6	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06435-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">LZ-06435-24</a>	L/S 24	1/4 (6.4)	7.6	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-06435-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">LZ-06435-73</a>	I/P 73	3/8 (9.5)	7.6	
<a href="#">LZ-06435-82</a>	I/P 82	1/2 (12.8)	7.6	
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-06437-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-06437-91</a>	B/T 91	3/4 (19.0)	3	

## MASTERFLEX® Tygon® E-LFL Pump Tubing



**Applications:** General laboratory use; provides longer life with peristaltic tubing pumps.

**Characteristics:** Long life, won't age or oxidize, fits tightly to glass and metal, bends to small radius curves, nontoxic, and transparent.

**Certifications:** FDA-compliant (21 CFR 175.300), and meets USP Class VI and EP 3.2.9 requirements.

**Temperature range:** -51 to 165°F (-46 to 74°C)

**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar). After autoclaving, dry at no more than 150°F (66°C) for 2 to 2½ hours.



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
LZ-06440-13	L/S 13	1/16 (1.6)	7.6	
LZ-06440-14	L/S 14	1/16 (1.6)	7.6	
LZ-06440-16	L/S 16	1/8 (3.2)	7.6	
LZ-06440-25	L/S 25	3/16 (4.8)	7.6	
LZ-06440-17	L/S 17	1/4 (6.4)	7.6	
LZ-06440-18	L/S 18	3/8 (9.5)	7.6	
<b>L/S® High-Performance Precision pump tubing</b>				
LZ-06440-15	L/S 15	3/16 (4.8)	7.6	
LZ-06440-24	L/S 24	1/4 (6.4)	7.6	
LZ-06440-35	L/S 35	3/8 (9.5)	7.6	
LZ-06440-36	L/S 36	3/8 (9.5)	7.6	
<b>I/P® Precision pump tubing</b>				
LZ-06440-26	I/P 26	1/4 (6.4)	7.6	
LZ-06440-73	I/P 73	3/8 (9.5)	7.6	
LZ-06440-82	I/P 82	1/2 (12.8)	7.6	
<b>I/P® High-Performance Precision pump tubing</b>				
LZ-06440-70	I/P 70	3/8 (9.5)	7.6	
LZ-06440-88	I/P 88	1/2 (12.8)	7.6	
LZ-06440-89	I/P 89	3/4 (15.9)	7.6	
<b>B/T® PerfectPosition™ pump tubing</b>				
LZ-06440-87	B/T 87	3/8 (9.5)	3	
LZ-06440-91	B/T 91	3/4 (19.0)	3	

## MASTERFLEX® Tygon® Fuel & Lubricant Pump Tubing



**Applications:** Fuels and industrial lubricants—gasoline, kerosene, heating oils, cutting compounds, and glycol-based coolants.

**Characteristics:** Resists most hydrocarbons, embrittlement, and swelling. Ozone- and UV-resistant; low extractability. Translucent yellow.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** -35 to 165°F (-37 to 74°C)

**Sterilize:** Not recommended.



Catalog number	Tubing size	Hose barb, in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
LZ-06401-13	L/S 13	1/16 (1.6)	15.2	
LZ-06401-14	L/S 14	1/16 (1.6)	15.2	
LZ-06401-16	L/S 16	1/8 (3.2)	15.2	
LZ-06401-25	L/S 25	3/16 (4.8)	15.2	
LZ-06401-17	L/S 17	1/4 (6.4)	15.2	
LZ-06401-18	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-Performance Precision pump tubing</b>				
LZ-06401-15	L/S 15	3/16 (4.8)	15.2	
LZ-06401-24	L/S 24	1/4 (6.4)	15.2	
LZ-06401-35	L/S 35	3/8 (9.5)	15.2	
LZ-06401-36	L/S 36	3/8 (9.5)	15.2	
<b>I/P® Precision pump tubing</b>				
LZ-06401-26	I/P 26	1/4 (6.4)	15.2	
LZ-06401-73	I/P 73	3/8 (9.5)	15.2	
LZ-06401-82	I/P 82	1/2 (12.7)	15.2	

## MASTERFLEX® Tygon® E-Food Pump Tubing



**Applications:** Food and beverage processing and dispensing.

**Characteristics:** Nonwetting, odorless, tasteless, and nontoxic. Transparent.

**Certifications:** FDA-compliant (21 CFR 175.300), NSF-51, and meets 3A and USDA standards for food and beverage handling.

**Temperature range:** -32 to 165°F (-36 to 74°C)

**Sterilize:** Ethylene oxide or autoclave for 30 min at 250°F (121°C), 15 psi (1 bar).



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
LZ-06418-13	L/S 13	1/16 (1.6)	15.2	
LZ-06418-14	L/S 14	1/16 (1.6)	15.2	
LZ-06418-16	L/S 16	1/8 (3.2)	15.2	
LZ-06418-25	L/S 25	3/16 (4.8)	15.2	
LZ-06418-17	L/S 17	1/4 (6.4)	15.2	
LZ-06418-18	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-Performance Precision pump tubing</b>				
LZ-06418-15	L/S 15	3/16 (4.8)	15.2	
LZ-06418-24	L/S 24	1/4 (6.4)	15.2	
LZ-06418-35	L/S 35	3/8 (9.5)	15.2	
LZ-06418-36	L/S 36	3/8 (9.5)	15.2	
<b>I/P® Precision pump tubing</b>				
LZ-06418-26	I/P 26	1/4 (6.4)	15.2	
LZ-06418-73	I/P 73	3/8 (9.5)	15.2	
LZ-06418-82	I/P 82	1/2 (12.7)	15.2	
<b>I/P® High-Performance Precision pump tubing</b>				
LZ-06418-70	I/P 70	3/8 (9.5)	15.2	
LZ-06418-88	I/P 88	1/2 (12.8)	15.2	
LZ-06418-89	I/P 89	3/4 (15.9)	15.2	
<b>B/T® PerfectPosition pump tubing</b>				
LZ-06418-87	B/T 87	3/8 (9.5)	3	
LZ-06418-91	B/T 91	3/4 (19.0)	3	

## MASTERFLEX® Tygon® Chemical Pump Tubing



**Applications:** Chemical, food, beverage, and pharmaceutical applications.

**Characteristics:** Excellent chemical resistance, low extractability, low gas permeability, plasticizer free. Translucent.

**Certifications:** None.

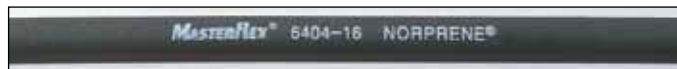
**Temperature range:** -108 to 135°F (-77 to 57°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation. When sterilized as a coil, tubing may stick together slightly upon cooling, but separates easily with no surface marks or deformation.



Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
LZ-06475-13	L/S 13	1/16 (1.6)	15.2	
LZ-06475-14	L/S 14	1/16 (1.6)	15.2	
LZ-06475-16	L/S 16	1/8 (3.2)	15.2	
LZ-06475-25	L/S 25	3/16 (4.8)	15.2	
LZ-06475-17	L/S 17	1/4 (6.4)	15.2	
LZ-06475-18	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-Performance Precision pump tubing</b>				
LZ-06475-15	L/S 15	3/16 (4.8)	15.2	
LZ-06475-24	L/S 24	1/4 (6.4)	15.2	
<b>I/P® Precision pump tubing</b>				
LZ-06475-26	I/P 26	1/4 (6.4)	15.2	
LZ-06475-73	I/P 73	3/8 (9.5)	15.2	
LZ-06475-82	I/P 82	1/2 (12.8)	15.2	

### MASTERFLEX® Norprene® Pump Tubing



**Applications:** For applications requiring excellent chemical, heat, ozone, and ultraviolet (UV) light resistance.

**Characteristics:** Nonconductive, heat-sealable, nonaging, nonoxidizing, with superior acid and alkali resistance. Opaque black.

**Certifications:** Tubing is manufactured according to GMP.

**Temperature range:** -60 to 275°F (-51 to 135°C)

**Sterilize:** Autoclave. **non-DEHP**

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-06404-13</a>	L/S 13	1/16 (1.6)	15.2	
<a href="#">LZ-06404-14</a>	L/S 14	1/16 (1.6)	15.2	
<a href="#">LZ-06404-16</a>	L/S 16	1/8 (3.2)	15.2	
<a href="#">LZ-06404-25</a>	L/S 25	3/16 (4.8)	15.2	
<a href="#">LZ-06404-17</a>	L/S 17	1/4 (6.4)	15.2	
<a href="#">LZ-06404-18</a>	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06404-15</a>	L/S 15	3/16 (4.8)	15.2	
<a href="#">LZ-06404-24</a>	L/S 24	1/4 (6.4)	15.2	
<a href="#">LZ-06404-35</a>	L/S 35	3/8 (9.5)	15.2	
<a href="#">LZ-06404-36</a>	L/S 36	3/8 (9.5)	15.2	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-06404-26</a>	I/P 26	1/4 (6.4)	15.2	
<a href="#">LZ-06404-73</a>	I/P 73	3/8 (9.5)	15.2	
<a href="#">LZ-06404-82</a>	I/P 82	1/2 (12.8)	15.2	
<b>I/P® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06404-70</a>	I/P 70	3/8 (9.5)	15.2	
<a href="#">LZ-06404-88</a>	I/P 88	1/2 (12.8)	15.2	
<a href="#">LZ-06404-89</a>	I/P 89	5/8 (15.9)	15.2	

### MASTERFLEX® FDA-Approved Viton® Pump Tubing



**Applications:** Food or laboratory applications where FDA-compliance is required, acid and solvent transfer, high-temperature work.

**Characteristics:** Good chemical resistance. Opaque white.

**Certifications:** FDA-approved (21 CFR 177.2600), ADCF, RoHS compliant, DEHP free.

**Temperature range:** -25 to 400°F (-32 to 204°C)

**Sterilize:** Circulating hot air oven at 480°F (249°C) for 16 hours. **non-DEHP** **ANIMAL DERIVED INGREDIENT FREE**

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96412-13</a>	L/S 13	1/16 (1.6)	7.6	
<a href="#">LZ-96412-14</a>	L/S 14	1/16 (1.6)	7.6	
<a href="#">LZ-96412-16</a>	L/S 16	1/8 (3.2)	7.6	
<a href="#">LZ-96412-25</a>	L/S 7.6	3/16 (4.8)	7.6	
<a href="#">LZ-96412-17</a>	L/S 17	1/4 (6.4)	7.6	
<a href="#">LZ-96412-18</a>	L/S 18	3/8 (9.5)	7.6	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96412-15</a>	L/S 15	3/16 (4.8)	7.6	
<a href="#">LZ-96412-24</a>	L/S 24	1/4 (6.4)	7.6	
<a href="#">LZ-96412-35</a>	L/S 35	3/8 (9.5)	7.6	
<a href="#">LZ-96412-36</a>	L/S 36	3/8 (9.5)	7.6	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96412-26</a>	I/P 26	1/4 (6.4)	7.6	
<a href="#">LZ-96412-73</a>	I/P 73	3/8 (9.5)	7.6	

### MASTERFLEX® Norprene® Food Pump Tubing



**Applications:** Ideal for the food, dairy, and beverage industries.

**Characteristics:** Heat, ozone, and UV light resistant; nonaging; nonoxidizing; superior acid and alkali resistance. Opaque beige.

**Certifications:** FDA-compliant (21 CFR 177.2600), ADCF, and NSF-51. Tubing is manufactured according to GMP.

**Temperature range:** -60 to 275°F (-51 to 135°C)

**Sterilize:** Autoclave. **non-DEHP**

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-06402-13</a>	L/S 13	1/16 (1.6)	15.2	
<a href="#">LZ-06402-14</a>	L/S 14	1/16 (1.6)	15.2	
<a href="#">LZ-06402-16</a>	L/S 16	1/8 (3.2)	15.2	
<a href="#">LZ-06402-25</a>	L/S 25	3/16 (4.8)	15.2	
<a href="#">LZ-06402-17</a>	L/S 17	1/4 (6.4)	15.2	
<a href="#">LZ-06402-18</a>	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-performance Precision pump tubing</b>				
<a href="#">LZ-06402-15</a>	L/S 15	3/16 (4.8)	15.2	
<a href="#">LZ-06402-24</a>	L/S 24	1/4 (6.4)	15.2	
<a href="#">LZ-06402-35</a>	L/S 35	3/8 (9.5)	15.2	
<a href="#">LZ-06402-36</a>	L/S 36	3/8 (9.5)	15.2	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-06402-26</a>	I/P 26	1/4 (6.4)	15.2	
<a href="#">LZ-06402-73</a>	I/P 73	3/8 (9.5)	15.2	
<a href="#">LZ-06402-82</a>	I/P 82	1/2 (12.8)	15.2	
<b>I/P® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06402-70</a>	I/P 70	3/8 (9.5)	15.2	
<a href="#">LZ-06402-88</a>	I/P 88	1/2 (12.8)	15.2	
<a href="#">LZ-06402-89</a>	I/P 89	5/8 (15.9)	15.2	
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-06399-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-06399-91</a>	B/T 91	3/4 (19.0)	3	

#### Masterflex® Pump Accessories

##### Pulse Dampener

Virtually eliminates pulsation in output flow. Five pairs of fittings and PTFE-pipe thread tape are included. Accepted tubing: all L/S® sizes, I/P® 26, nominal from 1/16" to 3/8" ID (1.6 to 9.5 mm ID). Fittings included (tubing ID x NPT(M) thread): 1/16" x 1/8", 1/8" x 1/8", 3/16" x 1/8", 1/4" x 1/8", and 3/8" x 1/8". Dampener connections: 1/8" NPT(F). Dead volume: 190 mL. Max pressure: 60 psi (4.3 bar). Polyethylene body.



Catalog number	Description	Price
<a href="#">LZ-07596-20</a>	Pulse dampener	

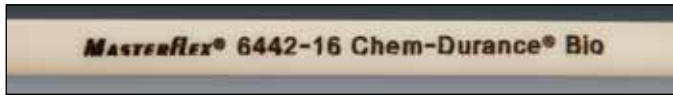
##### Tubing Weights

Flow-through weights of PTFE keep tubing in place in receiving vessel during dispense cycles. Fit Masterflex L/S tubing sizes noted.



Catalog number	Description	Price
<a href="#">LZ-78226-81</a>	Weight for L/S 16, 15, and 25	
<a href="#">LZ-78226-82</a>	Weight for L/S 17, 18, 24, 35, 36	
<a href="#">LZ-77310-03</a>	Set of two; one each of 78226-81 and 78226-82	

## MASTERFLEX® Chem-Durance® Bio Pump Tubing



**Applications:** Laboratory, pharmaceutical processing, and biotech applications for pump lines.

**Characteristics:** Excellent chemical resistance. Excellent life and durability under pressure with low spallation. Plasticizer-free inner liner with elastomer jacket. Opaque.

**Certifications:** FDA 21 CFR 177.2600. Meets USP Class VI requirements.

**Temperature range:** -71 to 130°F (-60 to 54°C)

**Sterilize:** Autoclave, ethylene oxide, or gamma irradiation.

**non-DEHP**

Catalog number	Tubing size	Hose barb in. (mm)	M/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-06442-13</a>	L/S 13	1/16 (1.6)	15.2	
<a href="#">LZ-06442-14</a>	L/S 14	1/16 (1.6)	15.2	
<a href="#">LZ-06442-16</a>	L/S 16	1/8 (3.2)	15.2	
<a href="#">LZ-06442-25</a>	L/S 7.6	3/16 (4.8)	15.2	
<a href="#">LZ-06442-17</a>	L/S 17	1/4 (6.4)	15.2	
<a href="#">LZ-06442-18</a>	L/S 18	3/8 (9.5)	15.2	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06442-15</a>	L/S 15	3/16 (4.8)	15.2	
<a href="#">LZ-06442-24</a>	L/S 24	1/4 (6.4)	15.2	
<a href="#">LZ-06442-35</a>	L/S 35	3/8 (9.5)	15.2	
<a href="#">LZ-06442-36</a>	L/S 36	3/8 (9.5)	15.2	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-06442-26</a>	I/P 26	1/4 (6.4)	15.2	
<a href="#">LZ-06442-73</a>	I/P 73	3/8 (9.5)	15.2	
<a href="#">LZ-06442-82</a>	I/P 82	1/2 (12.8)	15.2	
<b>I/P® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06442-70</a>	I/P 70	3/8 (9.5)	15.2	
<a href="#">LZ-06442-88</a>	I/P 88	1/2 (12.8)	7.6	
<a href="#">LZ-06442-89</a>	I/P 89	5/8 (15.9)	7.6	
<b>B/T® PerfectPosition™ pump tubing</b>				
<a href="#">LZ-06443-87</a>	B/T 87	3/8 (9.5)	3	
<a href="#">LZ-06443-91</a>	B/T 91	3/4 (19.0)	3	

## High-Resilience Tubing—Style 500 for MASTERFLEX® Pumps



**Applications:** Chemical and pharmaceutical applications.

**Characteristics:** Enhanced chemical resistance, including aggressive organic solvents. Spallation-free, low gas permeability. Opaque white.

**Certifications:** None

**Temperature range:** -40 to 392°F (-40 to 200°C)

Catalog number	Tubing size	Hose barb in. (mm)	Qty/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96212-14</a>	L/S 14	1/16 (1.6)	30 cm	
<a href="#">LZ-96212-16</a>	L/S 16	1/8 (3.2)	30 cm	
<a href="#">LZ-96212-25</a>	L/S 25	3/16 (4.8)	30 cm	
<a href="#">LZ-96212-17</a>	L/S 17	1/4 (6.4)	30 cm	
<a href="#">LZ-96212-18</a>	L/S 18	3/8 (9.5)	30 cm	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-96212-15</a>	L/S 15	3/16 (4.8)	37 cm	
<a href="#">LZ-96212-24</a>	L/S 24	1/4 (6.4)	37 cm	
<a href="#">LZ-96212-35</a>	L/S 35	3/8 (9.5)	37 cm	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96212-26</a>	I/P 26	1/4 (6.4)	61 cm	
<a href="#">LZ-96212-73</a>	I/P 73	3/8 (9.5)	61 cm	
<a href="#">LZ-96212-82</a>	I/P 82	1/2 (12.7)	61 cm	

## High-Resilience Tubing—Style 400 for MASTERFLEX® Pumps



**Applications:** Water treatment, wastewater treatment, printing, pulp and paper, fine chemicals—primarily industrial uses.

**Characteristics:** Long life under pressure up to 60 psi (4 bar) continuously or 100 psi (6.9 bar) intermittently. Excellent stability (<1% change in flow rate as tubing wears), minimal break-in period required. Spallation-free, excellent chemical compatibility. Beige.

**Temperature range:** 32 to 390°F (0 to 200°C)

**STERILE**

Catalog number	Tubing size	Hose barb in. (mm)	Qty/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-06439-16</a>	L/S 16	1/8" (3.2)	30 cm	
<b>L/S® High-Performance Precision pump tubing</b>				
<a href="#">LZ-06439-15</a>	L/S 15	3/16" (4.8)	36 cm	
<a href="#">LZ-06439-24</a>	L/S 24	1/4" (6.4)	33 cm	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-06439-73</a>	I/P 73	3/8" (9.5)	61 cm	
<b>B/T® Precision pump tubing</b>				
<a href="#">LZ-06439-91</a>	B/T 91	3/4" (19)	69 cm	

## High-Resilience Tubing—Style 100SC for MASTERFLEX® Pumps



**Applications:** Pharmaceutical, biotech, and laboratory applications.

**Characteristics:** Long life under pressure up to 60 psi (4 bar) continuous or 100 psi (6.9 bar) intermittent, excellent flow stability (<1% change in flow rate as tubing wears), no break-in period required, spallation-free, excellent biocompatibility. Opaque white.

**Certifications:** None

**Temperature range:** -40 to 302°F (-40 to 150°C)

Catalog number	Tubing size	Hose barb in. (mm)	Qty/pk	Price/pk
<b>L/S® Precision pump tubing</b>				
<a href="#">LZ-96211-14</a>	L/S 14	1/16 (1.6)	30 cm	
<a href="#">LZ-96211-16</a>	L/S 16	1/8 (3.2)	30 cm	
<a href="#">LZ-96211-25</a>	L/S 25	3/16 (4.8)	30 cm	
<a href="#">LZ-96211-17</a>	L/S 17	1/4 (6.4)	30 cm	
<a href="#">LZ-96211-18</a>	L/S 18	3/8 (9.5)	30 cm	
<b>L/S® High-performance Precision pump tubing</b>				
<a href="#">LZ-96211-15</a>	L/S 15	3/16 (4.8)	37 cm	
<a href="#">LZ-96211-24</a>	L/S 24	1/4 (6.4)	37 cm	
<a href="#">LZ-96211-35</a>	L/S 35	3/8 (9.5)	37 cm	
<b>I/P® Precision pump tubing</b>				
<a href="#">LZ-96211-26</a>	I/P 26	1/4 (6.4)	61 cm	
<a href="#">LZ-96211-73</a>	I/P 73	3/8 (9.5)	61 cm	
<a href="#">LZ-96211-82</a>	I/P 82	1/2 (12.7)	61 cm	

### Tygothane® Ether-Based Polyurethane Pressure Tubing



**Formulation:** C-544-A I.B.

**Applications:** Abrasive and viscous slurry transfer, instrumentation control lines, food and cosmetic processing, and coolant recovery systems.

**Characteristics:** Exceptional abrasion and tear resistance; excellent resistance to oils, grease, and fuels. Plasticizer-free construction. Transparent.

**Certifications:** FDA, and NSF 61.

**Temperature range:** -100 to 180°F (-73.3 to 82.2°C)

**Sterilize:** Not recommended.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/pk
	ID	OD	Wall		
<a href="#">TW-95637-00</a>	¼ (6.3)	½ (12.7)	⅛ (3.1)	275 (19.0)	/30.5-m
<a href="#">TW-95637-01</a>	⅜ (9.5)	⅝ (15.8)	⅛ (3.1)	205 (14.1)	/30.5-m
<a href="#">TW-95637-02</a>	½ (12.7)	¾ (19.0)	⅛ (3.1)	195 (13.4)	/30.5-m
<a href="#">TW-95637-03</a>	⅝ (15.8)	⅞ (22.2)	⅛ (3.1)	175 (12.1)	/30.5-m
<a href="#">TW-95637-04</a>	¾ (19.0)	1⅞ (26.9)	⅜ (3.9)	150 (10.3)	/30.5-m
<a href="#">TW-95637-05</a>	1 (25.4)	1⅝ (34.9)	⅜ (4.7)	120 (8.3)	/30.5-m
<a href="#">TW-95637-06</a>	1¼ (31.7)	1¾ (44.4)	¼ (6.3)	95 (6.6)	/15.2-m
<a href="#">TW-95637-07</a>	1½ (38.1)	2 (50.8)	¼ (6.3)	80 (5.5)	/15.2-m
<a href="#">TW-95637-08</a>	2 (50.8)	2½ (63.5)	¼ (6.3)	70 (4.8)	/15.2-m

### Colored Polyurethane Tubing



**Applications:** For dedicated or multiple lines—easy line identification.

**Characteristics:** Ether-grade, superior heat resistance, low compression set, odorless, nontoxic, and excellent biocompatibility. Good chemical resistance to weak organic acids/oils; good elongation and recovery.

**Certifications:** None.

**Temperature range:** Aqua-tint: -40 to 180°F (-42 to 82°C); all others: -70 to 185°F (-57 to 85°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/pk
	ID	OD	Wall		
<b>Green tubing</b>					
<a href="#">TW-95867-42</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	100 (6.9)	/15.2-m
<a href="#">TW-95867-44</a>	⅜ (3.2)	¼ (6.4)	⅛ (1.6)	45 (3.1)	/15.2-m
<b>Blue tubing</b>					
<a href="#">TW-95867-22</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	100 (6.9)	/15.2-m
<a href="#">TW-95867-24</a>	⅜ (3.2)	¼ (6.4)	⅛ (1.6)	45 (3.1)	/15.2-m
<a href="#">TW-95867-26</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	30 (2.1)	/15.2-m
<a href="#">TW-95867-28</a>	⅜ (9.6)	½ (12.8)	⅛ (1.6)	25 (1.7)	/15.2-m
<b>Red tubing</b>					
<a href="#">TW-95867-02</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	100 (6.9)	/15.2-m
<a href="#">TW-95867-04</a>	⅜ (3.2)	¼ (6.4)	⅛ (1.6)	45 (3.1)	/15.2-m
<a href="#">TW-95867-06</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	30 (2.1)	/15.2-m
<a href="#">TW-95867-08</a>	⅜ (10.2)	½ (12.8)	⅛ (1.6)	25 (1.7)	/15.2-m
<b>Black tubing</b>					
<a href="#">TW-95867-46</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	30 (2.1)	/15.2-m
<a href="#">TW-95867-48</a>	⅜ (9.6)	½ (12.8)	⅛ (1.6)	25 (1.7)	/15.2-m
<b>Aqua-tint (translucent) tubing</b>					
<a href="#">TW-95868-00</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	100 (6.9)	/30.5-m
<a href="#">TW-95868-01</a>	⅜ (2.4)	⅜ (4.0)	⅛ (0.8)	100 (6.9)	/30.5-m
<a href="#">TW-95868-02</a>	⅜ (3.2)	⅜ (4.8)	⅛ (0.8)	100 (6.9)	/30.5-m
<a href="#">TW-95868-03</a>	⅜ (3.2)	¼ (6.4)	⅛ (1.6)	100 (6.9)	/30.5-m
<a href="#">TW-95868-05</a>	¼ (6.4)	⅜ (8.0)	⅛ (0.8)	25 (1.7)	/30.5-m
<a href="#">TW-95868-07</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	82 (5.7)	/30.5-m
<a href="#">TW-95868-08</a>	⅜ (10.2)	½ (12.8)	⅛ (1.6)	62 (4.3)	/30.5-m

### Ester-Based Polyurethane Tubing



**Applications:** High-purity, general laboratory, petroleum-based transfer.

**Characteristics:** Plasticizer-free, low extractables, good at low temperatures. Good resistance to petroleum-based chemicals. High tensile strength. Not recommended for use with aqueous solutions.

**Certifications:** None.

**Temperature range:** -70 to 185°F (-56 to 85°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 70°F (bar at 21°C)	Price/30.5-m pk
	ID	OD	Wall		
<a href="#">TW-95680-00</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	100 (6.9)	
<a href="#">TW-95680-02</a>	⅜ (3.2)	⅜ (4.8)	⅛ (0.8)	72 (5.0)	
<a href="#">TW-95680-04</a>	½ (3.2)	¼ (6.4)	⅛ (1.6)	100 (6.9)	
<a href="#">TW-95680-06</a>	⅜ (4.8)	¼ (6.4)	⅛ (0.8)	27 (1.9)	
<a href="#">TW-95680-08</a>	⅜ (4.8)	⅜ (8.0)	⅛ (1.6)	74 (5.1)	
<a href="#">TW-95680-12</a>	¼ (6.4)	⅜ (8.0)	⅛ (0.8)	33 (2.3)	
<a href="#">TW-95680-14</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	67 (4.6)	
<a href="#">TW-95680-16</a>	¼ (6.4)	⅞ (11.2)	⅜ (2.4)	74 (5.1)	
<a href="#">TW-95680-18</a>	¼ (6.4)	½ (12.8)	¼ (3.2)	100 (6.9)	
<a href="#">TW-95680-20</a>	⅜ (8.0)	⅞ (11.2)	⅛ (1.6)	65 (4.5)	
<a href="#">TW-95680-22</a>	⅜ (9.6)	½ (12.8)	⅛ (1.6)	59 (4.1)	
<a href="#">TW-95680-24</a>	⅜ (9.6)	⅞ (14.4)	⅜ (2.4)	84 (5.8)	
<a href="#">TW-95680-26</a>	⅜ (9.6)	⅝ (16.0)	¼ (3.2)	100 (6.9)	
<a href="#">TW-95680-28</a>	⅞ (11.2)	⅝ (16.0)	⅜ (2.4)	74 (5.1)	
<a href="#">TW-95680-32</a>	½ (12.8)	⅝ (16.0)	⅛ (1.6)	36 (2.5)	
<a href="#">TW-95680-36</a>	½ (12.8)	¾ (19.2)	¼ (3.2)	60 (4.1)	
<a href="#">TW-95680-40</a>	⅝ (16.0)	1⅞ (20.8)	⅜ (2.4)	54 (3.7)	
<a href="#">TW-95680-42</a>	⅝ (16.0)	⅞ (22.4)	¼ (3.2)	60 (4.1)	
<a href="#">TW-95680-46</a>	¾ (19.2)	1 (25.4)	¼ (3.2)	51 (3.5)	
<a href="#">TW-95680-48</a>	⅞ (22.4)	1⅞ (28.6)	¼ (3.2)	33 (2.3)	
<a href="#">TW-95680-50</a>	1 (25.4)	1¼ (31.8)	¼ (3.2)	40 (2.8)	

### Ether-Based Polyurethane Tubing



**Applications:** Ideal for food processing, general manufacturing, automotive, computer device, general laboratory, and fuel.

**Characteristics:** Ether grade with good chemical resistance to weak organic acids and oils, good elongation and recovery, nontoxic. Transparent.

**Certifications:** None.

**Temperature range:** -40 to 185°F (-40 to 85°C)

**Sterilize:** Ethylene oxide.

Catalog number	Dimensions: in. (mm)			Max psi at 75°F (bar at 24°C)	Price/30.5-m pk
	ID	OD	Wall		
<a href="#">TW-95869-00</a>	⅛ (1.6)	¼ (3.2)	⅛ (0.8)	400 (27.6)	
<a href="#">TW-95869-01</a>	⅜ (2.4)	⅜ (4.0)	⅛ (0.8)	100 (6.9)	
<a href="#">TW-95869-02</a>	¼ (3.2)	⅜ (4.8)	⅛ (0.8)	100 (6.9)	
<a href="#">TW-95869-03</a>	⅜ (3.2)	¼ (6.4)	⅛ (1.6)	100 (6.9)	
<a href="#">TW-95869-04</a>	⅜ (4.0)	¼ (6.4)	⅜ (1.2)	250 (17.2)	
<a href="#">TW-95869-05</a>	¼ (6.4)	⅜ (8.0)	⅛ (0.8)	100 (6.9)	
<a href="#">TW-95869-06</a>	⅜ (4.8)	⅜ (8.0)	⅛ (1.6)	330 (22.8)	
<a href="#">TW-95869-07</a>	¼ (6.4)	⅜ (9.6)	⅛ (1.6)	330 (22.8)	
<a href="#">TW-95869-08</a>	⅜ (9.6)	½ (12.8)	⅛ (1.6)	330 (22.8)	

### Hubtron™ Advance Fluoroelastomer Tubing



**Applications:** Corrosive chemical transfer, electronic applications, ink and general printing applications, and automotive applications.

**Characteristics:** Very low gas permeability, highly chemical compatible. Inner fluoroplastic liner, outer fluoroelastomer cover—smooth inner lining. Excellent alcohol, ester, acid, and alkali resistance. Transparent.

**Certifications:** None.

**Temperature range:** 14 to 248°F (–10 to 120°C)

**Sterilize:** Autoclave.

Catalog number	Dimensions: in. (mm)			Price/ 7.6-m pk
	ID	OD	Wall	
<a href="#">TW-95226-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	
<a href="#">TW-95226-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	
<a href="#">TW-95226-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
<a href="#">TW-95226-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	
<a href="#">TW-95226-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	

### Hubtron™ Pascal Fluoroelastomer Tubing



**Applications:** Extremely demanding corrosive chemical transfer, electronic applications, ink and general printing applications, automotive applications, general mechanical applications.

**Characteristics:** Superior pressure ratings, extremely strong chemical resistance, extremely low permeability. Excellent resistance to solvents, acids, bases, alcohols, and esters. Transparent.

**Certifications:** None.

**Temperature range:** 14 to 248°F (–10 to 120°C)

**Sterilize:** Autoclave.

Catalog number	Dimensions: in. (mm)			Price/ 7.6-m pk
	ID	OD	Wall	
<a href="#">TW-95227-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	
<a href="#">TW-95227-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	
<a href="#">TW-95227-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
<a href="#">TW-95227-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	
<a href="#">TW-95227-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	

### BarbLock™ Assemblies

- Easy to install, three-piece locking mechanism ensures the tubing and hose barb won't disengage
- Safe to use with pressures up to 140 psi (9.7 bar)<sup>†</sup>
- An excellent alternative to securing tubing and hose barbs with cable ties—no more crimps or tube distortion

BarbLock assemblies provide uniform 360° radial crimping for a leak-free, durable seal. The BarbLock assembly consists of three pieces: the sleeve, collet, and barbed fitting. To install the fitting, slide the sleeve and collet onto the tubing and then insert the barbed fitting into the tubing. Prelock the sleeve and collet by pressing them together until you hear a “click.” Slide the sleeve and collet to the edge of the barbed fitting and lock with the BarbLock tool. Once assembled, the BarbLock assembly can only be unlocked with the removal tool.

#### BarbLock Tools

Catalog number	Description	Price
<a href="#">LZ-30604-10</a>	1/4" BarbLock assembly tool	
<a href="#">LZ-30604-12</a>	3/8" BarbLock assembly tool	
<a href="#">LZ-30604-14</a>	1/2" BarbLock assembly tool	
<a href="#">LZ-30604-16</a>	BarbLock removal tool	

### Hubtron™ Black Advance Fluoroelastomer Tubing



**Applications:** Corrosive chemical transfer, electronics applications, ink and printing, and general manufacturing applications requiring UV protection.

**Characteristics:** Opaque black with UV block, very low gas permeability, highly chemically compatible. Inner fluoroplastic liner, outer fluoroelastomer cover. Excellent chemical resistance to acids, alkalis, alcohols, and esters.

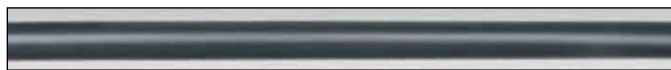
**Certifications:** None.

**Temperature range:** 14 to 248°F (–5 to 120°C)

**Sterilize:** Not recommended.

Catalog number	Dimensions: in. (mm)			Price/ 7.6-m pk
	ID	OD	Wall	
<a href="#">TW-95256-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	
<a href="#">TW-95256-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	
<a href="#">TW-95256-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
<a href="#">TW-95256-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	
<a href="#">TW-95256-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	

### Hubtron™ Black Pascal Fluoroelastomer Tubing



**Applications:** Extremely demanding corrosive chemical transfer, electronics applications, ink and printing, and general manufacturing applications requiring UV protection.

**Characteristics:** Opaque black with UV block, extremely low gas permeability, extremely strong chemical resistance. Superior pressure ratings. Excellent chemical resistance to solvents, acids, bases, alcohols, and esters.

**Certifications:** None.

**Temperature range:** 14 to 248°F (–5 to 120°C)

**Sterilize:** Not recommended.

Catalog number	Dimensions: in. (mm)			Price/ 7.6-m pk
	ID	OD	Wall	
<a href="#">TW-95257-00</a>	1/16 (1.6)	3/16 (4.8)	1/16 (1.6)	
<a href="#">TW-95257-02</a>	1/8 (3.2)	1/4 (6.4)	1/16 (1.6)	
<a href="#">TW-95257-04</a>	3/16 (4.8)	5/16 (8.0)	1/16 (1.6)	
<a href="#">TW-95257-06</a>	1/4 (6.4)	3/8 (9.6)	1/16 (1.6)	
<a href="#">TW-95257-08</a>	5/16 (8.0)	7/16 (11.2)	1/16 (1.6)	



#### BarbLock Assemblies

Catalog number	Description	Price
<a href="#">LZ-30604-00</a>	1/4" BarbLock for 1/4" x 3/8" tube	
<a href="#">LZ-30604-02</a>	1/4" BarbLock for 1/4" x 1/16" tube	
<a href="#">LZ-30604-04</a>	3/8" BarbLock for 3/8" x 5/8" tube	
<a href="#">LZ-30604-06</a>	1/2" BarbLock for 1/2" x 3/4" tube	
<a href="#">LZ-30604-08</a>	1/2" BarbLock for Colder couplings	

<sup>†</sup>Do not exceed the maximum safe operating pressure of your tubing.

<sup>‡</sup>Models 30604-00 through -06 can be used with standard barbed connections.

### Standard and Double-Walled PTFE Heat-Shrink Tubing

Shrink ratio: 2:1

Recovery temperature

Standard: 621°F (327°C)

Double-walled: 650 to 700°F  
(343 to 371°C)

Characteristics: Opaque;  
high electrical and chemical  
resistance.



95810-10

Catalog number	Expanded ID in. (mm)	Recovered ID in. (mm)	Price/ 3.7-m pk
<b>Standard</b>			
<a href="#">TW-06851-12</a>	1/8 (3.2)	1/16 (1.6)	
<a href="#">TW-06851-22</a>	1/4 (6.4)	1/8 (3.2)	
<a href="#">TW-06851-32</a>	3/8 (9.6)	3/16 (4.8)	
<a href="#">TW-06851-42</a>	1/2 (12.8)	1/4 (6.4)	
<a href="#">TW-06851-52</a>	3/4 (19.2)	3/8 (9.6)	
<b>Double-walled</b>			
<a href="#">TW-95810-10</a>	3/64 (1.2)	0.023 (0.58)	
<a href="#">TW-95810-11</a>	1/16 (1.6)	1/32 (0.8)	
<a href="#">TW-95810-12</a>	3/32 (2.4)	3/64 (1.2)	
<a href="#">TW-95810-13</a>	1/8 (3.2)	1/16 (1.6)	
<a href="#">TW-95810-14</a>	3/16 (4.8)	3/32 (2.4)	
<a href="#">TW-95810-15</a>	1/4 (6.4)	1/8 (3.2)	
<a href="#">TW-95810-16</a>	3/8 (9.6)	3/16 (4.8)	
<a href="#">TW-95810-17</a>	1/2 (12.8)	1/4 (6.4)	
<a href="#">TW-95810-18</a>	3/4 (19.2)	3/8 (9.6)	
<a href="#">TW-95810-19</a>	1 (25.4)	1/2 (12.8)	

[TW-06851-02](#) Standard PTFE heat-shrink tubing assortment pack.

Contains one 1.2-m length each of 06851-12, -22, -32, -42, -52; total five lengths per pack

[TW-03024-00](#) Dual-temperature 500/750 heat gun; 1680 watts, 120 VAC, 60 Hz

[TW-03026-02](#) Replacement heating element kit for heat gun

[TW-03026-12](#) Heat-shrink tubing adapter for heat gun

[TW-03026-18](#) Pin-point adapter for heat gun

[TW-03026-19](#) Shrink-wrap adapter for heat gun

### Heat-Shrink Tubing Assortment Packs

Now precut lengths are always  
in easy reach

- Available in polyolefin or PVC
- Meet UL, CSA, and military specifications

The tubing assortment includes 6" precut lengths of all-purpose heat-shrink tubing with a 2:1 shrink ratio in a variety of colors. Approximately 175 pieces included in five popular sizes: 3/32", 1/8", 3/16", 1/4", and 3/8". Pack comes in a transparent canister for storage on benchtops or counter tops.



55550-10

Catalog number	Material	Price/pk
<a href="#">TW-55550-00</a>	Polyolefin	
<a href="#">TW-55550-10</a>	PVC	

### Heavy-Duty Tubing Closure

Durable design handles  
higher working pressures

- Quick installation with positive swing-away locking screw
- Smooth contours allow for easy cleaning



20001-00

Use this clamp with tubing or hose—it meets the working pressure of either item. High-strength polysulfone closure provides excellent durability, can be continually reused, and resists most chemicals. Simply align the hose within the clamp; mating surfaces on the clamp indicate complete closure. Typical applications include sterile filling, media bag connections, pumping, liquid control, and high-purity fluid transfers. FDA-compliant polysulfone material can be sterilized by autoclave or gamma radiation.

Catalog number	Wall thickness range		Price/ea
	Unreinforced	Reinforced	
<a href="#">TW-20001-00</a>	0.090" to 0.190" (2.3 to 4.8 mm)	0.090" to 0.180" (2.3 to 4.6 mm)	

### Tubing Racks

An easy solution to secure and route multiple tubing lines



3/8" tube OD rack  
06432-04



Some racks separate easily  
for more convenient, customized  
tubing retainers.

These tube racks offer a simple and economical method for organizing your tubing lines. The 3/16" and 1/4" sizes can be easily separated down to single holders by hand for increased flexibility and custom tubing arrangements. The 3/16" and 1/4" sizes are available with adhesive fastener, and all sizes are available with through holes for secure mounting (mounting screws are not included).

Catalog number	Tubing OD	Fastener	Number of channels	Qty/pk	Price/pk
<a href="#">TW-06432-02</a>	3/16" (4.8 mm)	Through holes	10	10	
<a href="#">TW-06432-07</a>	3/16" (4.8 mm)	Adhesive	10	10	
<a href="#">TW-06432-03</a>	1/4" (6.4 mm)	Through holes	10	10	
<a href="#">TW-06432-08</a>	1/4" (6.4 mm)	Adhesive	10	10	
<a href="#">TW-06432-04</a>	3/8" (9.6 mm)	Through holes	7	10	
<a href="#">TW-06432-05</a>	1/2" (12.7 mm)	Through holes	5	10	

## Tubing Accessories

### A Handheld Tubing Cutter

Steel blade coated with PTFE resin produces clean, straight cuts through tubing up to 1 1/4" OD (cuts polyethylene tubing up to 1 1/2" OD). Order carrying pouch and replacement blade separately below.



[TW-06438-90](#) Handheld tubing cutter

[TW-06438-81](#) Tubing cutter pouch

[TW-06438-92](#) Replacement blade for hand-held tubing cutter 06438-90

### B Benchtop Tubing Cutter

Steel blade makes right-angle cuts in plastic tubing 1/16" to 5/8" OD.



[TW-06438-10](#) Benchtop cutter

[TW-06438-11](#) Replacement blade

### C Plastic Clamp Ties

Perfect for flexible fuel line, water line, and vacuum line applications. Special curved clamp tie head ensures a tight seal. Ties measure 8"L x 0.18"W; maximum diameter of 1 3/4". Black resin resists UV degradation.

[TW-95615-00](#) Clamp ties, white. 100/pk

[TW-95615-10](#) Clamp ties, black. 100/pk



### D SS Hose Clamps

SS strap and screw housing with a carbon steel screw. Band-type worm drive.



Catalog number	Clamp diameter		Price/ pk of 10
	Min	Max	
<a href="#">TW-06403-11</a>	7/32"	5/8"	
<a href="#">TW-06403-12</a>	11/16"	1 1/4"	
<a href="#">TW-06403-13</a>	13/16"	1 3/4"	
<a href="#">TW-06403-14</a>	1 1/16"	2"	
<a href="#">TW-06403-15</a>	1 5/16"	2 1/4"	
<a href="#">TW-06403-16</a>	2"	2 3/4"	
<a href="#">TW-06403-21</a>	2 3/4"	3 1/2"	
<a href="#">TW-06403-22</a>	3 1/2"	4 3/8"	
<a href="#">TW-06403-23</a>	4 3/8"	5 1/8"	
<a href="#">TW-06403-24</a>	5 1/8"	5 7/8"	
<a href="#">TW-06403-25</a>	5 1/2"	6 1/4"	

### E

### Plastic Hose Clamps and Kits

Reusable white acetal copolymer or white or black nylon clamps will not rust or corrode. Recommended for continuous use from ambient temperature for the acetal copolymer to 200°F (93°C); ambient temperature for nylon clamps is 180°F (82°C). Clamps are nonconducting and stable in a wide variety of chemicals; black clamps resist UV degradation.

Once set, clamps stay put. To use, just position clamp on hose or tubing bundle and press the jaws together with a pair of pliers. Order clamps individually or in kits. Kits include 170 assorted clamps from 0.228" to 1.405" ID.

[TW-06832-99](#) White acetal copolymer hose-clamp kit

[TW-06420-99](#) White nylon hose-clamp kit

[TW-06430-49](#) Black nylon hose-clamp kit



Kit 06832-99

### White Acetal Hose Clamps

Catalog number	Inside diameter				Qty/pk	Price/ pk
	Decimal inches		Millimeters			
	Min	Max	Min	Max		
<a href="#">TW-06832-01</a>	0.228	0.256	5.8	6.5	100	
<a href="#">TW-95614-00</a>	0.269	0.291	6.8	7.4	100	
<a href="#">TW-06832-03</a>	0.307	0.342	7.8	8.7	100	
<a href="#">TW-06832-02</a>	0.351	0.394	8.9	10.0	100	
<a href="#">TW-95614-01</a>	0.387	0.440	9.8	11.2	100	
<a href="#">TW-06832-04</a>	0.404	0.452	10.3	11.5	100	
<a href="#">TW-06832-06</a>	0.449	0.511	11.4	13.0	100	
<a href="#">TW-06832-08</a>	0.513	0.586	13.0	14.9	100	
<a href="#">TW-06832-10</a>	0.569	0.650	14.5	16.5	100	
<a href="#">TW-06832-12</a>	0.616	0.707	15.7	18.0	100	
<a href="#">TW-06832-14</a>	0.702	0.801	17.8	20.4	100	
<a href="#">TW-06832-16</a>	0.759	0.848	19.3	21.5	100	
<a href="#">TW-06832-18</a>	0.779	0.899	19.8	22.8	100	
<a href="#">TW-06832-20</a>	0.859	0.989	21.8	25.1	100	
<a href="#">TW-06832-22</a>	0.928	1.072	23.6	27.2	100	
<a href="#">TW-06832-24</a>	0.985	1.135	25.0	28.8	100	
<a href="#">TW-06832-28</a>	1.123	1.296	28.5	32.9	50	
<a href="#">TW-06832-32</a>	1.218	1.405	30.9	35.7	50	
<a href="#">TW-06832-34</a>	1.338	1.566	34.0	39.8	50	
<a href="#">TW-06832-36</a>	1.472	1.724	37.4	43.8	50	
<a href="#">TW-06832-38</a>	1.594	1.862	40.5	47.3	50	
<a href="#">TW-06832-42</a>	1.730	2.010	43.9	51.1	50	
<a href="#">TW-06832-50</a>	1.999	2.277	50.8	57.8	25	
<a href="#">TW-06832-60</a>	2.259	2.582	57.4	65.6	25	
<a href="#">TW-06832-70</a>	2.507	2.897	63.7	73.6	25	
<a href="#">TW-06832-76</a>	2.839	3.206	72.1	81.4	25	

### Nylon Hose Clamps

Inside diameter				Qty/ pk	White		Black	
Decimal inches		Millimeters			Catalog number	Price/ pk	Catalog number	Price/ pk
Min	Max	Min	Max					
0.246	0.290	5.95	7.5	100	<a href="#">TW-06420-50</a>		<a href="#">TW-06430-07</a>	
0.283	0.312	7.1	7.9	100	<a href="#">TW-06420-52</a>		<a href="#">TW-06430-02</a>	
0.350	0.395	9.1	9.9	100	<a href="#">TW-06420-56</a>		<a href="#">TW-06430-06</a>	
0.360	0.410	9.3	10.5	100	<a href="#">TW-06420-58</a>		<a href="#">TW-06430-08</a>	
0.430	0.480	11.11	12.3	100	<a href="#">TW-06420-60</a>		<a href="#">TW-06430-10</a>	
0.500	0.545	12.7	13.8	100	<a href="#">TW-06420-62</a>		<a href="#">TW-06430-12</a>	
0.525	0.605	13.3	15.4	100	<a href="#">TW-06420-64</a>		<a href="#">TW-06430-14</a>	
0.580	0.660	15.0	16.9	100	<a href="#">TW-06420-66</a>		<a href="#">TW-06430-16</a>	
0.650	0.750	16.6	19.0	100	<a href="#">TW-06420-68</a>		<a href="#">TW-06430-18</a>	
0.750	0.875	19.05	22.2	100	<a href="#">TW-06420-70</a>		<a href="#">TW-06430-20</a>	
0.779	0.899	19.7	22.6	100	<a href="#">TW-06420-72</a>		<a href="#">TW-06430-22</a>	
0.859	0.989	21.8	25.0	100	<a href="#">TW-06420-74</a>		<a href="#">TW-06430-44</a>	
0.900	0.989	23.0	25.0	100	<a href="#">TW-06420-76</a>		<a href="#">TW-06430-26</a>	
0.990	1.135	25.0	28.5	100	<a href="#">TW-06420-78</a>		<a href="#">TW-06430-28</a>	
1.123	1.296	28.5	32.9	50	<a href="#">TW-06420-80</a>		<a href="#">TW-06430-30</a>	
1.250	1.425	31.7	35.9	50	<a href="#">TW-06420-82</a>		<a href="#">TW-06430-32</a>	
1.406	1.610	35.7	40.8	50	<a href="#">TW-06420-84</a>		<a href="#">TW-06430-34</a>	
1.593	1.812	40.4	46.0	50	<a href="#">TW-06420-86</a>		<a href="#">TW-06430-36</a>	
1.790	2.110	45.6	53.5	50	<a href="#">TW-06420-88</a>		<a href="#">TW-06430-38</a>	
1.870	2.125	47.0	52.0	50	<a href="#">TW-06420-90</a>		<a href="#">TW-06430-40</a>	
2.119	2.390	53.5	60.7	25	<a href="#">TW-06420-92</a>		<a href="#">TW-06430-42</a>	



## Tubing Accessories (continued)



### F Spring Tubing Clamps

Acetal copolymer and stainless steel clamps provide on/off flow control for flexible tubing. Chemically resistant.

Catalog number	Max tubing OD	Price/pk of 3
<a href="#">TW-06834-10</a>	3/16" (8 mm)	
<a href="#">TW-06834-20</a>	1/2" (12 mm)	

### G Steel Tubing Clamps

Remove zinc-plated steel clamps without disconnecting or damaging tubing. Strong enough for heavy vacuum lines and will not slip.

Catalog number	Max tubing OD	Price/ea
<a href="#">TW-06404-10</a>	3/8" (10 mm)	
<a href="#">TW-06404-20</a>	9/16" (15 mm)	
<a href="#">TW-06404-30</a>	3/4" (20 mm)	

### H In-Line Flow Indicators

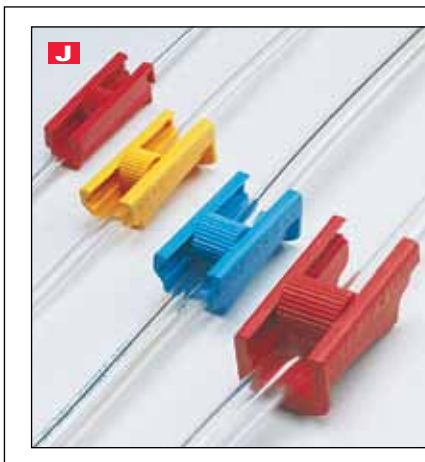
Indicators give visual confirmation of flow through a clear polystyrene housing. Use with noncorrosive liquids and gases. Connect tubing to indicators via hose barb connections; model 06297-05 has straight ends. Pressure rated to 10 psig.

Catalog number	Flow range (L/min)	Tubing ID	Indicator type (PP)	Max fluid temperature	Price/pk
<a href="#">TW-06297-00</a>	0.2 to 6.5	1/4" to 3/8"	Ball	125°F (50°C)	
<a href="#">TW-06297-05</a>	0.5 to 10.0	1/4"	Paddle	150°F (65°C)	
<a href="#">TW-06297-06</a>	0.5 to 10.0	3/16" to 1/4"	Paddle	150°F (65°C)	
<a href="#">TW-06297-07</a>	0.5 to 10.0	1/4" to 7/16"	Paddle	150°F (65°C)	

### I Poly-Cone™ Taper Adapter

Polypropylene cone is 27-cm (10<sup>5</sup>/<sub>8</sub>" ) long; cut to fit your needs. Tapers from 30- to 3-mm ID (35- to 8-mm OD). Withstands temperatures to 250°F (121°C).

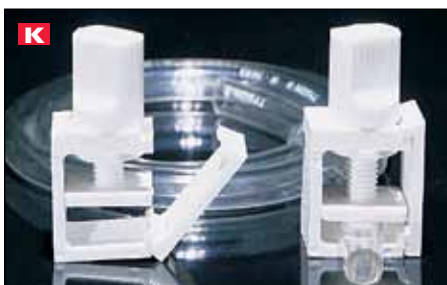
[TW-06432-00](#) Poly-Cone taper adapter



Roll wheel forward to restrict tubing and decrease flow.



Roll wheel back to open tubing and increase flow.



### J Ramp Clamp® Tubing Clamps

- One-handed flow control

Ramp Clamp tubing clamps feature a unique wheel-in-groove design that permits one-handed flow control. Simply remove wheel to insert tubing, then roll wheel back into clamp to adjust flow rate.

Clamps are color-coded for easy size identification. All four sizes accept tubing with a maximum wall thickness of 3/32" (2.4 mm). Clamps are made of polybutylene terephthalate; safe to 392°F (200°C).

Catalog number	Max tubing OD	Price/pk of 12
<a href="#">LZ-06835-05</a>	3/16" (4.5 mm)	
<a href="#">LZ-06835-03</a>	1/4" (4.6 mm)	
<a href="#">LZ-06835-07</a>	3/8" (10 mm)	
<a href="#">LZ-06835-10</a>	9/16" (14 mm)	

[LZ-06841-80](#) Tubing clamp assortment kit. Contains eight each of 06835-05, -03, -07, and -10 clamps (32 pieces total)

### K Screw Clamp

Clamp is made of Delrin® acetal and is resistant to weak acids, bases, and organic solvents. Control flow in flexible tubing up to 1/2" (13 mm) OD. Replaces stopcocks in many applications. Install without disconnecting tubing. Autoclavable.

[LZ-06833-10](#) Screw clamp. Pack of 3

### L Ratchet Tubing Clamps

Durable Celcon® plastic clamp is autoclavable; won't rust, corrode, or distort. Twelve-position ratchet control adjusts from full flow to complete closure. Mini-clamp is suitable for up to 1/8" OD tubing. Standard clamp accepts flexible tubing to 1/2" OD.

Catalog number	Description	Qty/pk	Price
<a href="#">TW-06833-01</a>	Mini tubing clamp	25	
<a href="#">TW-06833-00</a>	Tubing clamp	25	

## Tubing Clamps

**Compact, self-contained design for easy use**



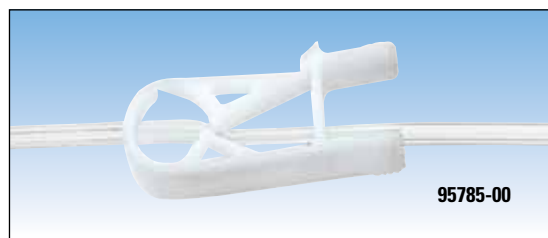
- Smooth contours eliminate risk of puncture or rupture
- Fully sterilizable
- Meet USP Class IV criteria

The PureFit TC clamp has a press-down locking mechanism that provides complete fluid stoppage. Its side-release mechanism ensures against unwanted opening. The open design can be installed over existing fittings or finished tubing assemblies, eliminating costly downtime. Available sizes handle two tubing ranges (up to 3/8" or 3/8" to 3/4"). Available in polypropylene (PP) or PVDF. Sterilize PP by gamma irradiation only; PVDF may be sterilized by gamma irradiation or autoclaving.

Catalog number	Material	Tubing OD range	Tubing wall minimum	Price/pk of 10
<a href="#">TW-06822-00</a>	PP	Up to 3/8" (9.5 mm)	0.03" (0.76 mm)	
<a href="#">TW-06822-10</a>		3/8" to 3/4" (9.5 to 19 mm)	0.06" (1.52 mm)	
<a href="#">TW-06822-02</a>	PVDF	Up to 3/8" (9.5 mm)	0.03" (0.76 mm)	
<a href="#">TW-06822-12</a>		3/8" to 3/4" (9.5 to 19 mm)	0.06" (1.52 mm)	

## Tubing Pinch Clamps

**Open or close clamps with the simple push of the thumb latch**



- Thumb latch allows for easy opening or closing from any angle
- Reduce strain on tubing line due to opening or closing

Tubing pinch clamps provide quick and easy on/off flow control of fluids in flexible tubing.

Catalog number	Max tubing OD	Price/pk of 25
<a href="#">TW-95785-00</a>	0.118" (3.0 mm)	
<a href="#">TW-95785-02</a>	0.125" (3.6 mm)	
<a href="#">TW-95785-04</a>	0.197" (5.0 mm)	
<a href="#">TW-95785-06</a>	0.250" (6.3 mm)	

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## Tubing Weights

Flow-through weights of PTFE keep tubing in place in receiving vessel during dispense cycles.



77310-03

Catalog number	Description	Price/ea
<a href="#">LZ-78226-81</a>	Weight for 1/8" to 3/16" (3.2 to 4.8 mm) ID tubing	
<a href="#">LZ-78226-82</a>	Weight for 1/4" to 3/8" (6.4 to 9.6 mm) ID tubing	
<a href="#">LZ-77310-03</a>	Set of two; one each of 78226-81 and 78226-82	

## Pulse Dampener

Virtually eliminates pulsation in output flow. Five pairs of fittings and PTFE-pipe thread tape are included.

Accepted tubing: nominal from 1/16" to 3/8" ID (1.6 to 9.5 mm ID).

Fittings included (tubing ID x NPT(M) thread): 1/16" x 1/8", 1/8" x 1/8", 3/16" x 1/8", 1/4" x 1/8", and 3/8" x 1/8".

Dampener connections: 1/8" NPT(F). Dead volume: 190 mL. Max pressure: 60 psi (4.3 bar). Polyethylene body.



07596-20

Catalog number	Description	Price
<a href="#">LZ-07596-20</a>	Pulse dampener	

## Screw-Type Valve

**Easy to implement with installed assemblies and systems**

- Reusable for multiple cycles and applications

With the Pure-Fit Tru valve, you no longer need to worry about a time-consuming retrofit to your system. The valve's butterfly design allows easy installation to existing lines; purity is maintained because the valve goes around the exterior of the tubing and never comes in contact with process fluid.

Simple threaded handle and calibrated scale ensure accurate control of flow and can also be written into validation protocols. The valve also features lockout positioning for use in steam-in-place (SIP) cycles. Its lightweight borosilicate glass-reinforced nylon construction reduces stress on your tubing line due to weight imbalance but is sturdy enough to withstand autoclaving or gamma irradiation. Accommodates any flexible tubing up to 17.8 mm (0.700") in outer diameter.



20002-00

Catalog number	Fits Masterflex® tubing sizes	Material	Price
<a href="#">TW-20002-00</a>	L/S® 13, 14, 15, 16, 17, 18, 24, 25, 35, 36; I/P® 26, 73	Glass-reinforced nylon	