

## Chemflur® FEP Tubing

### Effectively transfer abrasive fluids



**Applications:** Abrasive fluids, pharmaceutical processes.

**Characteristics:** Good chemical resistance at a low cost, temperature-resistant, and low coefficient of friction, semi-flexible. Transparent.

**Certifications:** FDA-compliant (21 CFR 177.1550). Meets USP Class VI.

**Temperature range:** -454 to 400°F (-270 to 205°C)

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

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20% off on 20+  
15% off on 10 to 19  
10% off on 4 to 9 packs

| Dimensions: in. (mm) |              |            | Max psi at 70°F<br>(bar at 21°C) | Catalog number              | Price/<br>50-ft pk |
|----------------------|--------------|------------|----------------------------------|-----------------------------|--------------------|
| ID                   | OD           | Wall       |                                  |                             |                    |
| 1/16 (1.6)           | 1/8 (3.2)    | 1/32 (0.8) | 213 (14.7)                       | <a href="#">GH-96001-02</a> |                    |
| 1/16 (1.6)           | 3/16 (4.8)   | 1/16 (1.6) | 283 (19.5)                       | <a href="#">GH-96001-04</a> |                    |
| 3/32 (2.4)           | 5/32 (4.0)   | 1/32 (0.8) | 170 (11.7)                       | <a href="#">GH-96001-06</a> |                    |
| 1/8 (3.2)            | 3/16 (4.8)   | 1/32 (0.8) | 142 (9.8)                        | <a href="#">GH-96001-08</a> |                    |
| 1/8 (3.2)            | 1/4 (6.4)    | 1/16 (1.6) | 213 (14.7)                       | <a href="#">GH-96001-10</a> |                    |
| 5/32 (4.0)           | 1/4 (6.4)    | 3/64 (1.2) | 159 (11.0)                       | <a href="#">GH-96001-12</a> |                    |
| 3/16 (4.8)           | 1/4 (6.4)    | 1/32 (0.8) | 106 (7.3)                        | <a href="#">GH-96001-14</a> |                    |
| 3/16 (4.8)           | 5/16 (7.9)   | 1/16 (1.6) | 170 (11.7)                       | <a href="#">GH-96001-16</a> |                    |
| 1/4 (6.4)            | 5/16 (7.9)   | 1/32 (0.8) | 85 (5.9)                         | <a href="#">GH-96001-18</a> |                    |
| 1/4 (6.4)            | 3/8 (9.5)    | 1/16 (1.6) | 142 (9.8)                        | <a href="#">GH-96001-20</a> |                    |
| 5/16 (7.9)           | 3/8 (9.5)    | 1/32 (0.8) | 71 (4.9)                         | <a href="#">GH-96001-22</a> |                    |
| 5/16 (7.9)           | 7/16 (11.1)  | 1/16 (1.6) | 121 (8.3)                        | <a href="#">GH-96001-24</a> |                    |
| 3/8 (9.5)            | 7/16 (11.1)  | 1/32 (0.8) | 61 (4.2)                         | <a href="#">GH-96001-26</a> |                    |
| 3/8 (9.5)            | 1/2 (12.7)   | 1/16 (1.6) | 106 (7.3)                        | <a href="#">GH-96001-28</a> |                    |
| 7/16 (11.1)          | 1/2 (12.7)   | 1/32 (0.8) | 53 (3.7)                         | <a href="#">GH-96001-30</a> |                    |
| 7/16 (11.1)          | 9/16 (14.3)  | 1/16 (1.6) | 94 (6.5)                         | <a href="#">GH-96001-32</a> |                    |
| 1/2 (12.7)           | 9/16 (14.3)  | 1/32 (0.8) | 47 (3.2)                         | <a href="#">GH-96001-34</a> |                    |
| 1/2 (12.7)           | 5/8 (15.9)   | 1/16 (1.6) | 85 (5.9)                         | <a href="#">GH-96001-36</a> |                    |
| 5/8 (15.9)           | 11/16 (17.5) | 1/32 (0.8) | 39 (2.7)                         | <a href="#">GH-96001-42</a> |                    |
| 5/8 (15.9)           | 3/4 (19.0)   | 1/16 (1.6) | 71 (4.9)                         | <a href="#">GH-96001-44</a> |                    |
| 11/16 (17.5)         | 13/16 (20.6) | 1/16 (1.6) | 65 (4.5)                         | <a href="#">GH-96001-48</a> |                    |
| 3/4 (19.0)           | 7/8 (22.2)   | 1/16 (1.6) | 61 (4.2)                         | <a href="#">GH-96001-52</a> |                    |
| 7/8 (22.2)           | 1 (25.4)     | 1/16 (1.6) | 53 (3.7)                         | <a href="#">GH-96001-56</a> |                    |
| 1 (25.4)             | 1 1/8 (28.6) | 1/16 (1.6) | 47 (3.2)                         | <a href="#">GH-96001-60</a> |                    |

## Chemflur® PFA Tubing

### Tough yet flexible



**Applications:** Pharmaceutical processes, cable covering, and electrical applications.

**Characteristics:** Excellent temperature range, chemically inert, tough, flexible, low friction coefficient, ozone-, UV-, stress- and crack-resistant. Translucent.

**Certifications:** FDA-compliant (21 CFR 177-1550). Meets USP Class VI.

**Temperature range:** -320 to 500°F (-195 to 260°C)

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

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20% off on 20+  
15% off on 10 to 19  
10% off on 4 to 9 packs

| Dimensions: in. (mm) |             |            | Max psi at 70°F<br>(bar at 21°C) | Catalog number              | Price/<br>50-ft pk |
|----------------------|-------------|------------|----------------------------------|-----------------------------|--------------------|
| ID                   | OD          | Wall       |                                  |                             |                    |
| 1/8 (3.2)            | 3/16 (4.8)  | 1/32 (0.8) | 150 (10.3)                       | <a href="#">GH-96005-08</a> |                    |
| 1/8 (3.2)            | 1/4 (6.4)   | 1/16 (1.6) | 225 (15.5)                       | <a href="#">GH-96005-10</a> |                    |
| 5/32 (4.0)           | 1/4 (6.4)   | 3/64 (1.2) | 169 (11.7)                       | <a href="#">GH-96005-12</a> |                    |
| 3/16 (4.8)           | 5/16 (7.9)  | 1/16 (1.6) | 180 (12.4)                       | <a href="#">GH-96005-16</a> |                    |
| 1/4 (6.4)            | 5/16 (7.9)  | 1/32 (0.8) | 90 (6.2)                         | <a href="#">GH-96005-18</a> |                    |
| 1/4 (6.4)            | 3/8 (9.5)   | 1/16 (1.6) | 150 (10.3)                       | <a href="#">GH-96005-20</a> |                    |
| 3/8 (9.5)            | 7/16 (11.1) | 1/32 (0.8) | 64 (4.4)                         | <a href="#">GH-96005-26</a> |                    |
| 3/8 (9.5)            | 1/2 (12.7)  | 1/16 (1.6) | 113 (7.8)                        | <a href="#">GH-96005-28</a> |                    |
| 7/16 (11.1)          | 1/2 (12.7)  | 1/32 (0.8) | 56 (3.9)                         | <a href="#">GH-96005-30</a> |                    |
| 1/2 (12.7)           | 5/8 (15.9)  | 1/16 (1.6) | 90 (6.2)                         | <a href="#">GH-96005-36</a> |                    |
| 5/8 (15.9)           | 3/4 (19.0)  | 1/16 (1.6) | 75 (5.2)                         | <a href="#">GH-96005-44</a> |                    |
| 3/4 (19.0)           | 7/8 (22.2)  | 1/16 (1.6) | 64 (4.4)                         | <a href="#">GH-96005-52</a> |                    |

## Cole-Parmer® FEP Tubing

### Does not deteriorate with age



**Applications:** Demanding lab, chemical, electrical, mechanical, pharmaceutical, and automotive applications. Excellent for the transfer of extreme temperature or highly corrosive materials. Also good for high-purity work.

**Characteristics:** Chemically inert, nontoxic, heat resistant, with a low coefficient of friction. Doesn't deteriorate with age. Tough, but bends even at -454°F (-270°C). Translucent.

**Certifications:** Resin is FDA-compliant (21 CFR 177.1550). Tubing is manufactured in ISO 9001-2008 approved facility.

**Temperature range:** -454 to 400°F (-270 to 205°C)

**Sterilize:** With autoclave, ethylene oxide, or dry heat.

**Buy More...Save More!**

20% off on 20+  
15% off on 10 to 19  
10% off on 4 to 9 packs



| Dimensions: in. (mm) |              |             | Max psi at 70°F<br>(bar at 21°C) | Catalog number              | Price/<br>25-ft pk |
|----------------------|--------------|-------------|----------------------------------|-----------------------------|--------------------|
| ID                   | OD           | Wall        |                                  |                             |                    |
| 1/32 (0.8)           | 1/16 (1.6)   | 1/64 (0.4)  | 500 (34.5)                       | <a href="#">GH-06406-60</a> |                    |
| 1/16 (1.6)           | 1/8 (3.2)    | 1/32 (0.8)  | 444 (30.6)                       | <a href="#">GH-06406-62</a> |                    |
| 3/32 (2.4)           | 5/32 (4.0)   | 1/32 (0.8)  | 353 (24.3)                       | <a href="#">GH-06406-63</a> |                    |
| 1/8 (3.2)            | 3/16 (4.8)   | 1/32 (0.8)  | 289 (19.9)                       | <a href="#">GH-06406-64</a> |                    |
| 1/8 (3.2)            | 1/4 (6.4)    | 1/16 (1.6)  | 450 (31.0)                       | <a href="#">GH-06450-05</a> |                    |
| 5/32 (4.0)           | 1/4 (6.4)    | 3/64 (1.2)  | 329 (22.7)                       | <a href="#">GH-06450-04</a> |                    |
| 3/16 (4.8)           | 1/4 (6.4)    | 1/32 (0.8)  | 209 (14.4)                       | <a href="#">GH-06406-66</a> |                    |
| 3/16 (4.8)           | 5/16 (8.0)   | 1/16 (1.6)  | 353 (24.3)                       | <a href="#">GH-06450-06</a> |                    |
| 1/4 (6.4)            | 5/16 (8.0)   | 1/32 (0.8)  | 150 (10.3)                       | <a href="#">GH-06406-72</a> |                    |
| 1/4 (6.4)            | 3/8 (9.6)    | 1/16 (1.6)  | 288 (19.9)                       | <a href="#">GH-06450-07</a> |                    |
| 19/64 (7.5)          | 3/8 (9.6)    | 5/128 (1.0) | 172 (11.9)                       | <a href="#">GH-06450-02</a> |                    |
| 5/16 (8.0)           | 3/8 (9.6)    | 1/32 (0.8)  | 140 (9.7)                        | <a href="#">GH-06406-74</a> |                    |
| 5/16 (8.0)           | 7/16 (11.2)  | 1/16 (1.6)  | 243 (16.8)                       | <a href="#">GH-06450-08</a> |                    |
| 3/8 (9.6)            | 7/16 (11.2)  | 1/32 (0.8)  | 110 (7.6)                        | <a href="#">GH-06406-12</a> |                    |
| 3/8 (9.6)            | 1/2 (12.8)   | 1/16 (1.6)  | 210 (14.5)                       | <a href="#">GH-06450-09</a> |                    |
| 7/16 (11.1)          | 1/2 (12.8)   | 1/32 (0.8)  | 102 (7.0)                        | <a href="#">GH-06406-76</a> |                    |
| 7/16 (11.1)          | 9/16 (14.3)  | 1/16 (1.6)  | 185 (12.8)                       | <a href="#">GH-06450-14</a> |                    |
| 1/2 (12.8)           | 9/16 (14.3)  | 1/32 (0.8)  | 88 (6.1)                         | <a href="#">GH-06406-18</a> |                    |
| 1/2 (12.8)           | 5/8 (16.0)   | 1/16 (1.6)  | 165 (11.4)                       | <a href="#">GH-06450-15</a> |                    |
| 9/16 (14.3)          | 5/8 (16.0)   | 1/32 (0.8)  | 77 (5.3)                         | <a href="#">GH-06406-78</a> |                    |
| 5/8 (16.0)           | 11/16 (17.5) | 1/32 (0.8)  | 71 (4.9)                         | <a href="#">GH-06450-00</a> |                    |
| 5/8 (16.0)           | 3/4 (19.2)   | 1/16 (1.6)  | 135 (9.3)                        | <a href="#">GH-06450-17</a> |                    |
| 11/16 (17.5)         | 3/4 (19.2)   | 1/32 (0.8)  | 65 (4.5)                         | <a href="#">GH-06450-01</a> |                    |
| 3/4 (19.2)           | 7/8 (22.2)   | 1/16 (1.6)  | 115 (7.9)                        | <a href="#">GH-06450-19</a> |                    |

## Cole-Parmer® Convolved Fluoropolymer Tubing

### Get full drainage



Spiral design promotes complete drainage.

Convolved spiral design promotes full drainage and increases tubing flexibility. This chemical-resistant fluoropolymer tubing is sold in 5-ft lengths with 1" L straight sections at both ends for easy connections. Choose from FEP or PFA formulations. Use tubing with barbed fittings. See our "Fittings" section on pages 264-305.



| Cuff ID  | Cuff OD | Wall  | Max psi at 70°F<br>(bar at 21°C) | Catalog number              | Price/<br>5-ft length* |
|--|---------|-------|----------------------------------|-----------------------------|------------------------|
| <b>FEP convolved tubing, -450 to 400°F (-270 to 205°C)</b> |         |       |                                  |                             |                        |
| 1/4"   | 9/32"   | 1/64" | 56 (3.9)                         | <a href="#">GH-06486-04</a> |                        |
| 3/8"   | 7/16"   | 1/32" | 43 (3.0)                         | <a href="#">GH-06486-06</a> |                        |
| 5/8"   | 11/16"  | 1/32" | 37 (2.6)                         | <a href="#">GH-06486-08</a> |                        |
| <b>PFA convolved tubing, -320 to 500°F (-195 to 260°C)</b> |         |       |                                  |                             |                        |
| 1/4"   | 9/32"   | 1/64" | 56 (3.9)                         | <a href="#">GH-06487-04</a> |                        |

\*Discounts: Save 10% on 10 to 49, 15% on 50 to 99, and 20% on 100 5-ft lengths or more.