

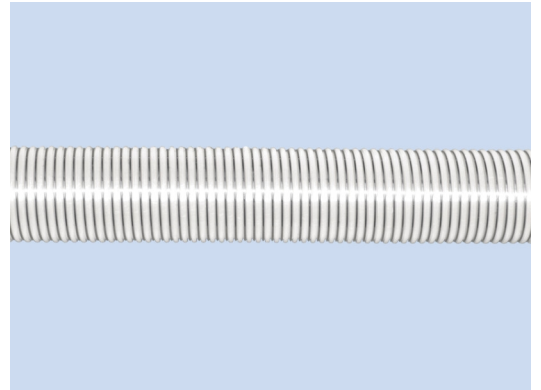
# 仅软管 (TO) 级软管

Bioflex Ultra



## 特点和优势

- 天然或防静电专利 PTFE 内衬
- 非常灵活，防扭结
- 光滑的内壁使流体不间断流动，并易于清洁
- 耐高温高压
- 耐化学性
- PTFE 衬氟翻边和非衬氟翻边的接头均带有激光蚀刻的金属衬套，并具有最终可追溯性
- 提供各种编织、包裹和外部保护选项



仅软管 (TO) 级软管 性能

| 标称软管孔径 |     | 实际孔径  |      | Bioflex 超级 (编织和包裹) | 螺旋加强筋 | **软管的最大工作压力 |       | 爆破压力 |       | 最小弯曲半径 |     |
|--------|-----|-------|------|--------------------|-------|-------------|-------|------|-------|--------|-----|
| in     | mm  | in    | mm   |                    |       | bar         | psi   | bar  | psi   | in     | mm  |
| ⅜      | 9.5 | 0.382 | 9.7  | 至                  | -     | 5           | 72    | 20   | 290   | 1⅝     | 35  |
|        |     |       |      | SS                 | -     | 80          | 1,160 | 500  | 7,200 | ⅜      | 19  |
|        |     |       |      | RC/BK/SI           | -     | 80          | 1,160 | 500  | 7,200 | ⅜      | 19  |
|        |     |       |      |                    |       |             |       |      |       |        |     |
| ½      | 15  | 0.516 | 13.1 | 至                  | ✓     | 5           | 72    | 20   | 290   | 2⅝     | 60  |
|        |     |       |      | SS                 | ✓     | 70          | 1,015 | 400  | 5,800 | 1⅝     | 38  |
|        |     |       |      | PB                 | ✓     | 35          | 500   | 140  | 2,000 | 1⅝     | 38  |
|        |     |       |      | RC/BK/SI           | ✓     | 70          | 1,015 | 400  | 5,800 | 1⅝     | 38  |
| ⅝      | 16  | 0.638 | 16.2 | 至                  | ✓     | 5           | 72    | 20   | 2,90  | 2⅝     | 64  |
|        |     |       |      | SS                 | ✓     | 65          | 940   | 380  | 5,500 | 1⅝     | 45  |
|        |     |       |      | PB                 | ✓     | 33          | 480   | 130  | 1,900 | 1⅝     | 45  |
|        |     |       |      | RC/BK/SI           | ✓     | 65          | 940   | 380  | 5,500 | 1⅝     | 45  |
| ¾      | 20  | 0.760 | 19.3 | 至                  | ✓     | 5           | 72    | 20   | 290   | 3      | 75  |
|        |     |       |      | SS                 | ✓     | 60          | 870   | 300  | 4,350 | 2      | 50  |
|        |     |       |      | PB                 | ✓     | 30          | 440   | 120  | 1,750 | 2      | 50  |
|        |     |       |      | RC/BK/SI           | ✓     | 60          | 870   | 300  | 4,350 | 2      | 50  |
| * ⅞    | 22  | 0.870 | 22.1 | 至                  | ✓     | 4           | 60    | 16   | 230   | 3⅝     | 90  |
|        |     |       |      | SS                 | ✓     | 55          | 800   | 220  | 3,200 | 2⅝     | 55  |
|        |     |       |      | PB                 | ✓     | 27.5        | 400   | 110  | 1,600 | 2⅝     | 55  |
|        |     |       |      | RC/BK/SI           | ✓     | 55          | 800   | 220  | 3,200 | 2⅝     | 55  |
| 1      | 25  | 1.012 | 25.7 | 至                  | ✓     | 4           | 60    | 16   | 230   | 4⅝     | 110 |
|        |     |       |      | SS                 | ✓     | 50          | 720   | 200  | 2,900 | 2⅝     | 70  |
|        |     |       |      | PB                 | ✓     | 25          | 360   | 100  | 1,450 | 2⅝     | 70  |
|        |     |       |      | RC/BK/SI           | ✓     | 50          | 720   | 200  | 2,900 | 2⅝     | 70  |
| 1¼     | 32  | 1.268 | 32.2 | 至                  | ✓     | 3           | 43    | 12   | 175   | 5⅝     | 140 |
|        |     |       |      | SS                 | ✓     | 45          | 650   | 180  | 2,600 | 4      | 100 |
|        |     |       |      | PB                 | ✓     | 23          | 330   | 90   | 1,300 | 4      | 100 |
|        |     |       |      | RC/BK/SI           | ✓     | 45          | 650   | 180  | 2,600 | 4      | 100 |
| * 1⅝   | 35  | 1.370 | 34.8 | 至                  | ✓     | 2           | 29    | 8    | 116   | 6⅝     | 160 |
|        |     |       |      | SS                 | ✓     | 40          | 580   | 160  | 2,320 | 4      | 100 |
|        |     |       |      | PB                 | ✓     | 20          | 290   | 80   | 1,160 | 4      | 100 |
|        |     |       |      | RC/BK/SI           | ✓     | 40          | 580   | 160  | 2,320 | 4      | 100 |
| 1½     | 40  | 1.516 | 38.5 | 至                  | ✓     | 2           | 29    | 8    | 116   | 7      | 180 |
|        |     |       |      | SS                 | ✓     | 40          | 580   | 160  | 2,320 | 5⅝     | 140 |
|        |     |       |      | PB                 | ✓     | 20          | 290   | 80   | 1,160 | 5⅝     | 140 |
|        |     |       |      | RC/BK/SI           | ✓     | 40          | 580   | 160  | 2,320 | 5⅝     | 140 |
| * 1⅞   | 48  | 1.866 | 47.4 | 至                  | ✓     | 2           | 29    | 8    | 116   | 11     | 280 |
|        |     |       |      | SS                 | ✓     | 35          | 500   | 140  | 2,000 | 6⅝     | 170 |
|        |     |       |      | PB                 | ✓     | 18          | 250   | 72   | 1,040 | 6⅝     | 170 |
|        |     |       |      | RC/BK/SI           | ✓     | 35          | 500   | 140  | 2,000 | 6⅝     | 170 |
| 2      | 50  | 2.012 | 51.1 | 至                  | ✓     | 2           | 29    | 8    | 116   | 12     | 300 |
|        |     |       |      | SS                 | ✓     | 30          | 430   | 120  | 1,750 | 8      | 200 |
|        |     |       |      | PB                 | ✓     | 15          | 215   | 60   | 870   | 8      | 200 |
|        |     |       |      | RC/BK/SI           | ✓     | 30          | 430   | 120  | 1,750 | 8      | 200 |
| 2½     | 65  | 2.508 | 63.7 | SS                 | ✓     | 20          | 290   | 80   | 1160  | 11⅝    | 300 |
|        |     |       |      | PB                 | ✓     | 12          | 174   | 48   | 696   | 11⅝    | 300 |
|        |     |       |      | RC/BK/SI           | ✓     | 20          | 290   | 80   | 1,160 | 11⅝    | 300 |
| 3      | 80  | 3.024 | 76.8 | SS                 | ✓     | 15          | 218   | 60   | 870   | 13⅝    | 350 |
|        |     |       |      | PB                 | ✓     | 10          | 145   | 40   | 580   | 13⅝    | 350 |
|        |     |       |      | RC/BK/SI           | ✓     | 15          | 218   | 60   | 870   | 13⅝    | 350 |

TO = 仅软管, SS = 不锈钢编织, PB = 聚丙烯编织, SS, RC/FP = 防火橡胶盖, RC = 蓝色 EPDM 橡胶盖, BK = 黑色 EPDM 橡胶盖, SI = 硅橡胶盖, KYB = Kynar 编织

\* ⅝", 1⅝" 和 1⅞" 软管尺寸仅适用于 PTFE 内衬卫生级卡箍 (或 triclover) 端接头和 PTFE 内衬 I-Line 端接头。

\*\* 软管总成的最大工作压力 (MWP) 限于上述两端接头或管身的最低 MWP。软管的 MWP 会随着工作温度的升高而降低, 详询 Aflex Hose。

注: 2½"仅 "& 3" 软管 (TO等级) 不能作为组件订购。

技术规格

|          | 仅软管 (TO) 级软管                                                                                                                 |
|----------|------------------------------------------------------------------------------------------------------------------------------|
| 标称孔径     | 9.5 - 50 mm (0.375 - 2 in)                                                                                                   |
| 实际孔径     | 9.7 - 51.1 mm (0.382 - 2.012 in)                                                                                             |
| 长度       | 25 - 30 m (80 - 100 ft)                                                                                                      |
| 外径       | 12 - 58.9 mm (0.47 - 2.32 in)                                                                                                |
| 最大工作压力   | 5 bar (72 psi)                                                                                                               |
| 爆破压力     | 8 - 20 bar (116 - 290 psi)                                                                                                   |
| 认证与合规    | 3.1 可追溯性, 3-A 62-02, ATEX, EN16643:2016, EU 法规 10/2011, FDA (材料) , ISO 14001:2015, ISO 9001:2015, OHSAS 18001:2015, USP VI 级 |
| 弯曲半径     | 35 - 300 mm (1.375 - 12 in)                                                                                                  |
| 单位长度的重量  | 0.06 - 1.25 kg/m (0.04 - 0.84 lb/ft)                                                                                         |
| Braid 类型 | 无                                                                                                                            |
| 盖        | 无                                                                                                                            |
| 软管外部保护选项 | 保护线圈, 保护装置, 防滑环                                                                                                              |
| 端接头      | 3-A 卫生级接头, 90° 弯管接头, BSP 和 NPT 螺纹接头, DIN 11851 接头, JIC 接头, PTFE 水封管接头, SMS 和 RJT 接头, 卫生级 Triclamp 接头, 快装接头, 旋转法兰接头           |
| 标签选项     | 标准, 颜色编码                                                                                                                     |
| 耐真空度     | 可在 -0.9 bar 真空度下使用, 最高可达 200 °C (392 °F)                                                                                     |

主要材料

|       | 仅软管 (TO) 级软管 |
|-------|--------------|
| 螺旋加强筋 | 316 不锈钢      |
| 衬套管   | PTFE         |

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