

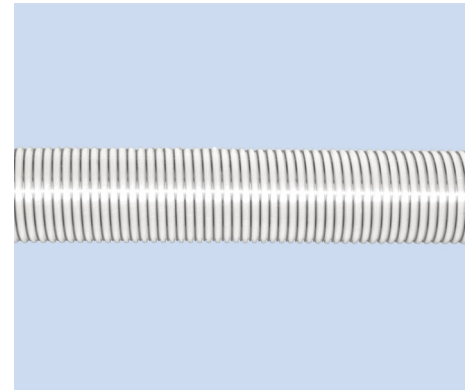
仅软管 (TO) 级软管

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 |
| 1/4 | 9.5 | 0.382 | 9.7 | 至 | - | 5 | 72 | 20 | 290 | 1 1/4 | 35 |
| | | | | SS | - | 80 | 1,160 | 500 | 7,200 | 1/2 | 19 |
| | | | | RC/BK/SI | - | 80 | 1,160 | 500 | 7,200 | 1/4 | 19 |
| | | | | | | | | | | | |
| 1/2 | 15 | 0.516 | 13.1 | 至 | ✓ | 5 | 72 | 20 | 290 | 2 1/4 | 60 |
| | | | | SS | ✓ | 70 | 1,015 | 400 | 5,800 | 1 1/2 | 38 |
| | | | | PB | ✓ | 35 | 500 | 140 | 2,000 | 1 1/2 | 38 |
| | | | | RC/BK/SI | ✓ | 70 | 1,015 | 400 | 5,800 | 1 1/2 | 38 |
| 3/4 | 16 | 0.638 | 16.2 | 至 | ✓ | 5 | 72 | 20 | 2,90 | 2 1/2 | 64 |
| | | | | SS | ✓ | 65 | 940 | 380 | 5,500 | 1 1/4 | 45 |
| | | | | PB | ✓ | 33 | 480 | 130 | 1,900 | 1 1/4 | 45 |
| | | | | RC/BK/SI | ✓ | 65 | 940 | 380 | 5,500 | 1 1/4 | 45 |
| 1 | 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 |
| * 1/4 | 22 | 0.870 | 22.1 | 至 | ✓ | 4 | 60 | 16 | 230 | 3 1/2 | 90 |
| | | | | SS | ✓ | 55 | 800 | 220 | 3,200 | 2 1/4 | 55 |
| | | | | PB | ✓ | 27.5 | 400 | 110 | 1,600 | 2 1/4 | 55 |
| | | | | RC/BK/SI | ✓ | 55 | 800 | 220 | 3,200 | 2 1/4 | 55 |
| 1 | 25 | 1.012 | 25.7 | 至 | ✓ | 4 | 60 | 16 | 230 | 4 1/4 | 110 |
| | | | | SS | ✓ | 50 | 720 | 200 | 2,900 | 2 1/4 | 70 |
| | | | | PB | ✓ | 25 | 360 | 100 | 1,450 | 2 1/4 | 70 |
| | | | | RC/BK/SI | ✓ | 50 | 720 | 200 | 2,900 | 2 1/4 | 70 |
| 1 1/4 | 32 | 1.268 | 32.2 | 至 | ✓ | 3 | 43 | 12 | 175 | 5 1/2 | 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 |
| * 1 1/4 | 35 | 1.370 | 34.8 | 至 | ✓ | 2 | 29 | 8 | 116 | 6 1/2 | 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 |
| 1 1/2 | 40 | 1.516 | 38.5 | 至 | ✓ | 2 | 29 | 8 | 116 | 7 | 180 |
| | | | | SS | ✓ | 40 | 580 | 160 | 2,320 | 5 1/2 | 140 |
| | | | | PB | ✓ | 20 | 290 | 80 | 1,160 | 5 1/2 | 140 |
| | | | | RC/BK/SI | ✓ | 40 | 580 | 160 | 2,320 | 5 1/2 | 140 |
| * 1 1/2 | 48 | 1.866 | 47.4 | 至 | ✓ | 2 | 29 | 8 | 116 | 11 | 280 |
| | | | | SS | ✓ | 35 | 500 | 140 | 2,000 | 6 1/4 | 170 |
| | | | | PB | ✓ | 18 | 250 | 72 | 1,040 | 6 1/4 | 170 |
| | | | | RC/BK/SI | ✓ | 35 | 500 | 140 | 2,000 | 6 1/4 | 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 |
| 2 1/2 | 65 | 2.508 | 63.7 | SS | ✓ | 20 | 290 | 80 | 1160 | 11 1/4 | 300 |
| | | | | PB | ✓ | 12 | 174 | 48 | 696 | 11 1/4 | 300 |
| | | | | RC/BK/SI | ✓ | 20 | 290 | 80 | 1,160 | 11 1/4 | 300 |
| 3 | 80 | 3.024 | 76.8 | SS | ✓ | 15 | 218 | 60 | 870 | 13 1/4 | 350 |
| | | | | PB | ✓ | 10 | 145 | 40 | 580 | 13 1/4 | 350 |
| | | | | RC/BK/SI | ✓ | 15 | 218 | 60 | 870 | 13 1/4 | 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

* 1/8", 1 3/8" 和 1 1/2" 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: 2 1/2" 及 " & 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 |
| 标称孔径 | 0.375 - 2 in |
| 实际孔径 | 9.7 - 51.1 mm |
| 实际孔径 | 0.382 - 2.012 in |
| 最大长度 | 25 - 30 m |
| 外径 | 12 - 58.9 mm |
| 外径 | 0.47 - 2.32 in |
| 最大工作压力 | 5 bar |
| 最大工作压力 | 72 psi |
| 爆破压力 | 8 - 20 bar |
| 爆破压力 | 116 - 290 psi |
| 认证 | (EU) 10/2011, 3.1 可追溯性, 3-A 62-02, ATEX, EN16643:2016, FDA (材料), ISO 14001:2015, ISO 9001:2015, OHSAS 18001:2015, USP VI 级 |
| 弯曲半径 | 35 - 300 mm |
| 弯曲半径 | 1.375 - 12 in |
| 编织 | 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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