

EPDM 橡胶包裹 (RC/BK/FP) 级软管



Corroflon

特点和优势

- 天然或防静电专利 PTFE 内衬
- 浅卷曲衬套设计提供卓越的灵活性，同时最大程度地减少流量限制
- 真空和防扭结
- 耐高温高压
- 耐化学性
- PTFE 内衬和非内衬端接头
- 提供各种编织、包裹和外部保护选项



EPDM 橡胶包裹 (RC/BK/FP) 级软管 性能

| 标称软管孔径 | | 回旋管内孔径 | | Corroflon 等级 (编织和包裹层) | 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 |
| 1/2 | 15 | 0.440 | 11.2 | 至 | 6 | 87 | 24 | 350 | 1 1/2 | 38 |
| | | | | SS | 41 | 595 | 450 | 6,525 | 1 1/2 | 38 |
| | | | | PB | 31 | 450 | 150 | 2,175 | 1 1/2 | 38 |
| | | | | SS, RC/FP | 41 | 595 | 450 | 6,525 | 2 1/4 | 57 |
| | | | | RC, SI | 41 | 595 | 450 | 6,525 | 2 1/4 | 57 |
| | | | | KYB | 15 | 215 | 61.5 | 890 | 1 1/2 | 38 |
| 3/4 | 20 | 0.620 | 15.7 | 至 | 5 | 70 | 20 | 290 | 2 | 51 |
| | | | | SS | 35 | 505 | 240 | 3,480 | 2 | 51 |
| | | | | PB | 26 | 375 | 105 | 1,520 | 2 | 51 |
| | | | | SS, RC/FP | 35 | 505 | 240 | 3,480 | 3 | 76 |
| | | | | RC, SI | 35 | 505 | 240 | 3,480 | 3 | 76 |
| | | | | KYB | 13 | 190 | 52.5 | 760 | 2 | 51 |
| 1 | 25 | 0.847 | 21.5 | 至 | 4.5 | 65 | 18 | 260 | 2 1/4 | 70 |
| | | | | SS | 31 | 450 | 200 | 2,900 | 2 1/4 | 70 |
| | | | | PB | 23 | 334 | 93 | 1,350 | 2 1/4 | 70 |
| | | | | SS, RC/FP | 31 | 450 | 200 | 2,900 | 4 1/4 | 105 |
| | | | | RC, SI | 31 | 450 | 200 | 2,900 | 4 1/4 | 105 |
| | | | | KYB | 11 | 160 | 46.5 | 675 | 2 1/4 | 70 |
| 1 1/4 | 32 | 1.080 | 27.5 | 至 | 4 | 58 | 16 | 230 | 3 1/4 | 82 |
| | | | | SS | 27 | 390 | 180 | 2,610 | 3 1/4 | 82 |
| | | | | PB | 20 | 290 | 81 | 1,175 | 3 1/4 | 82 |
| | | | | SS, RC/FP | 27 | 390 | 180 | 2,610 | 4 1/4 | 123 |
| | | | | RC, SI | 27 | 390 | 180 | 2,610 | 4 1/4 | 123 |
| | | | | KYB | 10 | 145 | 40.5 | 585 | 3 1/4 | 82 |
| 1 1/2 | 40 | 1.250 | 32.0 | 至 | 3.5 | 50 | 14 | 205 | 4 | 100 |
| | | | | SS | 23 | 335 | 120 | 1,740 | 4 | 100 |
| | | | | PB | 17 | 245 | 69 | 1,000 | 4 | 100 |
| | | | | SS, RC/FP | 23 | 335 | 120 | 1,740 | 6 | 150 |
| | | | | RC, SI | 23 | 335 | 120 | 1,740 | 6 | 150 |
| | | | | KYB | 9 | 130 | 34.5 | 500 | 4 | 100 |
| 2 | 50 | 1.690 | 43.0 | 至 | 3 | 44 | 12 | 175 | 5 1/2 | 140 |
| | | | | SS | 20 | 290 | 100 | 1,450 | 5 1/2 | 140 |
| | | | | PB | 15 | 215 | 60 | 870 | 5 1/2 | 140 |
| | | | | SS, RC/FP | 20 | 290 | 100 | 1,450 | 8 1/4 | 210 |
| | | | | RC, SI | 20 | 290 | 100 | 1,450 | 8 1/4 | 210 |
| | | | | KYB | 8 | 115 | 30 | 435 | 5 1/2 | 140 |

| | | | | | | | | | | |
|----|-----|-------|-------|-----------|------|-----|----|-------|-----|-----|
| 2½ | 65 | 2.120 | 54.0 | 至 | 2.5 | 36 | 10 | 145 | 7 | 178 |
| | | | | SS | 16 | 230 | 70 | 1,015 | 7 | 178 |
| | | | | PB | 12 | 175 | 48 | 695 | 7 | 178 |
| | | | | SS, RC/FP | 16 | 230 | 70 | 1,015 | 10½ | 267 |
| | | | | RC, SI | 16 | 230 | 70 | 1,015 | 10½ | 267 |
| | | | | KYB | 6 | 87 | 24 | 350 | 7 | 178 |
| 3 | 80 | 2.500 | 64.0 | 至 | 2 | 29 | 8 | 115 | 9 | 230 |
| | | | | SS | 14 | 205 | 60 | 870 | 9 | 230 |
| | | | | PB | 10 | 145 | 42 | 610 | 9 | 230 |
| | | | | SS, RC/FP | 14 | 205 | 60 | 870 | 13½ | 345 |
| | | | | RC, SI | 14 | 205 | 60 | 870 | 13½ | 345 |
| | | | | KYB | 5 | 73 | 21 | 305 | 9 | 230 |
| 4 | 100 | 3.860 | 98.0 | 至 | 1.5 | 22 | 6 | 87 | 11½ | 300 |
| | | | | SS | 10 | 145 | 40 | 580 | 11½ | 300 |
| | | | | PB | 8 | 115 | 30 | 435 | 11½ | 300 |
| | | | | SS, RC/FP | 10 | 145 | 40 | 580 | 17½ | 450 |
| | | | | RC, SI | 10 | 145 | 40 | 580 | 17½ | 450 |
| | | | | KYB | - | - | - | - | - | - |
| 6 | 150 | 5.250 | 130.0 | 至 | 0.75 | 11 | 3 | 44 | 23½ | 600 |
| | | | | SS | 5 | 73 | 20 | 290 | 23½ | 600 |
| | | | | PB | - | - | - | - | - | - |
| | | | | SS, RC/FP | 5 | 73 | 20 | 290 | 35½ | 900 |
| | | | | RC, SI | 5 | 73 | 20 | 290 | 35½ | 900 |
| | | | | KYB | - | - | - | - | - | - |

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

技术规格

| EPDM 橡胶包裹 (RC/BK/FP) 级软管 | |
|--------------------------|---|
| 标称孔径 | 15 - 150 mm |
| 标称孔径 | 0.5 - 6 in |
| 实际孔径 | 11.2 - 130 mm |
| 实际孔径 | 0.44 - 5.25 in |
| 外径 | 22.8 - 154 mm |
| 外径 | 0.9 - 6.06 in |
| 最大工作压力 | 41 bar |
| 最大工作压力 | 595 psi |
| 爆破压力 | 20 - 450 bar |
| 爆破压力 | 290 - 6,525 psi |
| 认证 | (EU) 10/2011, 3.1 可追溯性, ATEX, EN16643:2016, FDA (材料), ISO 14001:2015, ISO 9001:2015, OHSAS 18001:2015, 防火, 符合 BS5173 第 103.13 节第 6.2 部分规定 |
| 工作温度范围 | -40 至 100 °C |
| 工作温度范围 | -40 至 302 °F |
| 弯曲半径 | 57 - 900 mm |
| 弯曲半径 | 2.25 - 35.5 in |
| 编织 | 不锈钢 |
| 盖 | EPDM 橡胶 |
| 软管外部保护选项 | 保护线圈, 保护装置, 防滑环 |
| 端接头 | 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 | 耐真空度为 -0.9 bar, 最高可达 150 °C (302 °F) |

主要材料

| | EPDM 橡胶包裹 (RC/BK/FP) 级软管 |
|-------|--------------------------|
| 螺旋加强筋 | 不锈钢 |
| 衬套管 | 天然 PTFE, 防静电 PTFE |
| 钢丝编织 | 不锈钢 |
| 接头衬套 | PTFE |

免责声明：我们认为本文所含信息正确无误，但如有任何错误，Aflex Hose Limited 概不负责，并保留对规格数据作出改动的权利，恕不另行通知。用户有责任自行确保产品适合其相关应用。Bioflex、Corroflon、Corroline、Hyperline FX、Pharmaline 是 Aflex Hose Limited 的注册商标。Watson-Marlow Fluid Technology Solutions 是 Spirax-Sarco Engineering plc 公司的子公司。

wmfts.com/global



22 November 2023