

Stainless Steel Hose

VITALFLEX® - Encapsulated PTFE lined

Part No.: SS1SCT

Construction: Smoothbore PTFE / Convulved Metallic Hose

Profile: Low Flexibility / Low Pressure

Tube Available: PTFE Virgin / Anti-static Inner Tube

Braid Available: 304 / 316 Stainless Steel

Size Available: 1/2" - 6"

Temperature: -70°C to 260°C

Low | Med | High

Flexibility

Cycle Life

Pressure Rating

Chemical Resistance

Wall Thickness

Construction

Use:

The PTFE Smoothbore Liner is extruded within the metallic hose assembly and encapsulated over the flange or fitting, creating a total hygienic seal. The most hygienic PTFE on the market. Approved for food, chemical, cosmetic and pharmaceutical applications.

Standards:

FDA Approved, Accepted by the U.S. Coast Guard, PTFE Perfluorocarbon Resins meets FDA 21 CFR 177.1550



Specifications

| Part Number | Size | Outside Diameter | Min. Bend Radius | Working Pressure | | Burst Pressure | |
|-------------|--------|------------------|---------------------|------------------|-----|----------------|-----|
| | inch | mm | | kPa | bar | kPa | bar |
| SS1SCT-12 | 1/2" | 18.00 | LIMITED FLEXIBILITY | 6500 | 65 | 30000 | 300 |
| SS1SCT-20 | 3/4" | 28.00 | | 5000 | 50 | 20000 | 200 |
| SS1SCT-25 | 1" | 33.70 | | 4400 | 44 | 17600 | 176 |
| SS1SCT-32 | 1 1/4" | 42.60 | | 3500 | 35 | 14000 | 140 |
| SS1SCT-40 | 1 1/2" | 50.90 | | 2800 | 28 | 11200 | 112 |
| SS1SCT-50 | 2" | 61.70 | | 2000 | 20 | 8000 | 80 |
| SS1SCT-65 | 2 1/2" | 85.30 | | 1800 | 18 | 7200 | 72 |
| SS1SCT-80 | 3" | 100.30 | | 1800 | 18 | 7200 | 72 |
| SS1SCT-100 | 4" | 126.30 | | 1600 | 16 | 6400 | 64 |
| SS1SCT-125 | 5" | 155.30 | | 1400 | 14 | 5600 | 56 |
| SS1SCT-150 | 6" | 180.30 | | 1200 | 12 | 4800 | 48 |

Applications



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STAINLESS STEEL HOSE