

Convolute Bore PTFE Hose



Application:

- Medium pressure applications where temperature and chemical resistance is necessary & greater flexibility is required

Construction:

- Inner Tuber: PTFE Convolute bore
- Outer cover: 304 stainless steel wire braid

Recommended Fluids:

- Hose suitable for petroleum based hydraulic oil, water-glycol based fluids, air, water, steam, chemical and solvent transfer

Working Continuous

Temperature

-50°C to +210°C

Working Intermediate

Temperature

-70°C to +260°C

| Part Number | Size | | | i.d max | Wire Dimension | OD max | Working Pressure | | Burst Pressure | | Bend Radius | |
|-------------|------|------|-----|---------|----------------|--------|------------------|------|----------------|------|-------------|-----|
| | mm | inch | SAE | | | | Mpa | psi | Mpa | psi | Inch | mm |
| SSCPTFE-04 | 6.3 | 1/4 | -4 | 6.55 | 1 | 10.55 | 15.1 | 2190 | 45 | 6525 | 1.26 | 32 |
| SSCPTFE-05 | 8 | 5/16 | -5 | 8.55 | 1 | 13.15 | 12.6 | 1827 | 37 | 5365 | 1.42 | 36 |
| SSCPTFE-06 | 10 | 3/8 | -6 | 10.25 | 1 | 16.55 | 10.5 | 1523 | 32.4 | 4698 | 2.32 | 59 |
| SSCPTFE-08 | 12.5 | 1/2 | -8 | 13.25 | 1 | 19.35 | 9 | 1305 | 27 | 3915 | 3.23 | 82 |
| SSCPTFE-12 | 19 | 3/4 | -12 | 19.85 | 1.5 | 29.55 | 6 | 870 | 23.1 | 3350 | 4.50 | 113 |
| SSCPTFE-16 | 25 | 1 | -16 | 26.16 | 2 | 33.55 | 4.7 | 682 | 14.4 | 2088 | 7.44 | 189 |