



P.T.F.E HOSE

NOW STOCKING

316 BRAID

R14

Applicable Standard: SAE J517 — 100R14

Construction

Core: Sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement: 316 Stainless Braid

Temperature Range

Continuous: -54°C to +204°C

Intermittent: Max. +220°C

Application

P.T.F.E hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non-contamination properties, low co-efficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria.

Technical Details

| DESCRIPTION | WALL THICKNESS | HOSE I.D. (Nom.) | | HOSE O.D. (Nom.) | | WORKING PRESSURE | | MIN. BURST PRESSURE | | MIN. BEND RADIUS | |
|--------------|----------------|------------------|------|------------------|------|------------------|-------|---------------------|-------|------------------|-------|
| | (mm) | (In.) | (mm) | (In.) | (mm) | (psi) | (Bar) | (psi) | (Bar) | (mm) | (In.) |
| PTFE HOSE-02 | 1.00 | 1/8 | 3.00 | 0.24 | 6.20 | 3,260 | 225 | 13,040 | 900 | 40 | 1.60 |
| PTFE HOSE-04 | 0.70 | 1/4 | 6.00 | 0.35 | 8.80 | 2,610 | 180 | 10,440 | 720 | 75 | 3.00 |
| PTFE HOSE-06 | 0.70 | 3/8 | 9.50 | 0.48 | 12.1 | 2,390 | 165 | 9,560 | 660 | 125 | 5.00 |
| PTFE HOSE-08 | 0.75 | 1/2 | 12.5 | 0.64 | 16.2 | 1,740 | 120 | 6,960 | 480 | 165 | 6.60 |
| PTFE HOSE-10 | 0.90 | 5/8 | 16.0 | 0.74 | 18.8 | 1,270 | 88 | 5,080 | 352 | 200 | 8.00 |
| PTFE HOSE-12 | 0.90 | 3/4 | 19.0 | 0.91 | 23.1 | 1,010 | 70 | 4,040 | 280 | 230 | 9.20 |
| PTFE HOSE-16 | 1.20 | 1 | 25.0 | 1.15 | 29.2 | 870 | 60 | 3,480 | 240 | 300 | 12.00 |



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