

Uni-Chem Composite Hoses

Uni-FLON™ HT Composite Hose

NovaFlex Uni-FLON™ HT is designed as an upgraded version of NovaFlex's standard.

The high temperature version has the same Teflon® tube but the reinforcement elements have been upgraded to polyamides and nylons that have superior strength at elevated temperatures permitting the 250psi working pressure to be maintained. Rated for full vacuum.

Uni-FLON™ SG

Uni-FLON™ SS

Maximum length: 100 ft. (10" = 80 ft.)

Operating Temperature: -40°F to +350°F (-40°C to +175°C)



| ID (INS) | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 |
|--------------------------|------|------|------|------|------|------|------|------|
| OUT ID (INS) | 1.5 | 2.0 | 2.5 | 3.5 | 4.5 | 7.0 | 9.4 | 11.5 |
| Max WP (PSI) | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 200 |
| Burst Pres (PSI) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 800 |
| Bend Radius (INS) | 4.0 | 5.0 | 6.0 | 7.9 | 11.9 | 22.0 | 30.0 | 40.0 |
| Weight LB/FT | .6 | .8 | 1.6 | 2.4 | 3.2 | 7.20 | 11.0 | 14.5 |
| Max Lengths (FT) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 50 |

Uni-OIL™ 300HT High Temperature Composite Hose

NovaFlex Uni-OIL™ 300HT is a high temperature version of the standard Uni-OIL™ petroleum. This high temperature hose can handle maximum operating temperatures of +300°F (+149°C). The hose design uses a composite of temperature resistant materials and is rated for use with a wide range of petroleum products. Rated for full vacuum.

Maximum length: 100 ft. (10" = 80 ft.)

Operating Temperature: -40°F to +300°F (-40°C to +149°C)



| ID (INS) | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 | 10 |
|--------------------------|------|------|------|------|------|------|------|------|
| OUT ID (INS) | 1.5 | 2.0 | 2.5 | 3.5 | 4.5 | 7.0 | 9.4 | 11.5 |
| Max WP (PSI) | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 200 |
| Burst Pres (PSI) | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 800 |
| Bend Radius (INS) | 4.0 | 5.0 | 6.0 | 7.9 | 11.9 | 22.0 | 30.0 | 40.0 |
| Weight LB/FT | .65 | .85 | 1.7 | 2.6 | 3.4 | 7.2 | 11.0 | 14.5 |
| Max Lengths (FT) | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 50 |

Uni-FLON™ and Uni-OIL™ high temperature composite hoses provide optimum chemical resistance, strength and the versatility needed to get the job done.