

939 Convoluted PTFE Hose



| Part Number | Hose I. D. | | Max. Hose O. D. | | Max. Working Pressure | | Min. Bend Radius | | Vacuum Rating | Weight | | Crimp Fitting | | 83C Crimp Die |
|-------------|------------|------|-----------------|------|-----------------------|------|------------------|------|---------------|--------|----------|---------------|---------|---------------|
| | # | inch | mm | inch | mm | wpsi | MPa | inch | | mm | inch/Hg. | lbs/ft | kg/m | |
| 939-6 | 3/8 | 10 | 0.59 | 15 | 1500 | 10 | 2.25 | 57 | 28 | .12 | 17.9 | 93 | 165-168 | |
| 939-8 | 1/2 | 12.5 | 0.79 | 20 | 1350 | 9 | 2.88 | 73 | 28 | .211 | 31.4 | 93N | 165-168 | T08 |
| 939-10 | 5/8 | 16 | 0.88 | 22 | 1000 | 7 | 3.00 | 76 | 28 | .24 | 35.7 | 93N | 165-168 | T10 |
| 939-12 | 3/4 | 19 | 1.09 | 28 | 1100 | 8 | 3.75 | 95 | 28 | .316 | 47.0 | 93N | 165-168 | T12 |
| 939-16 | 1 | 25 | 1.33 | 34 | 1000 | 7 | 5.00 | 127 | 28 | .451 | 67.1 | 93N | 165-168 | T16 |
| 939-20 | 1-1/4 | 31.5 | 1.75 | 44 | 1000 | 7 | 6.25 | 159 | 20* | .697 | 103.7 | 93N | 165-168 | T20 |
| 939-24 | 1-1/2 | 38 | 2.05 | 52 | 750 | 5 | 7.50 | 191 | 12* | .795 | 118.3 | 93N | 165-168 | T24 |
| 939-32 | 2 | 51 | 2.56 | 57 | 250 | 2 | 10.00 | 254 | 5* | 1.01 | 150.3 | 93N | 165-168 | T32 |

Min. Burst Pressure is 4x Max. Working Pressure

Tube: Natural FDA Compliant PTFE

Reinforcement: 304 Stainless Steel

Temperature: -100F to +450F
-73C to +232C

Not recommended for steam-cold water cycling applications.

Applications:

- Transfer lines for nearly all chemicals
 - Compressed Air/Gases
- *Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.

Special Features:

- Better flexibility
- Exceptional kink resistance

939B Convoluted PTFE Hose



| Part Number | Hose I. D. | | Max. Hose O. D. | | Max. Working Pressure | | Min. Bend Radius | | Vacuum Rating | Weight | | Crimp Fitting | | 80C Crimp Die |
|-------------|------------|------|-----------------|------|-----------------------|------|------------------|------|---------------|--------|----------|---------------|---------|---------------|
| | # | inch | mm | inch | mm | wpsi | MPa | inch | | mm | inch/Hg. | lbs/ft | kg/m | |
| 939B-6 | 3/8 | 10 | 0.59 | 15 | 1500 | 10 | 2.25 | 57 | 28 | .12 | 17.9 | 93 | 165-168 | |
| 939B-8 | 1/2 | 12.5 | 0.79 | 20 | 1350 | 9 | 2.88 | 73 | 28 | .211 | 31.4 | 93N | 165-168 | T08 |
| 939B-10 | 5/8 | 16 | 0.88 | 22 | 1000 | 7 | 3.00 | 76 | 28 | .24 | 35.7 | 93N | 165-168 | T10 |
| 939B-12 | 3/4 | 19 | 1.09 | 28 | 1100 | 8 | 3.75 | 95 | 28 | .316 | 47.0 | 93N | 165-168 | T12 |
| 939B-16 | 1 | 25 | 1.33 | 34 | 1000 | 7 | 5.00 | 127 | 28 | .451 | 67.1 | 93N | 165-168 | T16 |
| 939B-20 | 1-1/4 | 31.5 | 1.75 | 44 | 1000 | 7 | 6.25 | 159 | 20* | .697 | 103.7 | 93N | 165-168 | T20 |
| 939B-24 | 1-1/2 | 38 | 2.05 | 52 | 750 | 5 | 7.50 | 191 | 12* | .795 | 118.3 | 93N | 165-168 | T24 |
| 939B-32 | 2 | 51 | 2.56 | 57 | 250 | 2 | 10.00 | 254 | 5* | 1.01 | 150.3 | 93N | 165-168 | T32 |

Min. Burst Pressure is 4x Max. Working Pressure

Tube: Black Static-Dissipative PTFE

Reinforcement: 304 Stainless Steel

Temperature: -100F to +450F
-73C to +232C

Not recommended for steam-cold water cycling applications.

Applications:

- Transfer lines for nearly all chemicals
- Hot oils
- Compressed Air/Gases

Special Features:

- Better flexibility
- Exceptional kink resistance

Note: A non-standard version of this hose is available with blue polyester braid instead of stainless steel reinforcement. Contact Parflex for performance specifications and availability.