

939/939B – Convoluted PTFE Hose

PTFE Core Tube

Up to 50% tighter bend radius than smoothbore PTFE hose.



Features

- Excellent flexibility for tighter routings
- Excellent kink resistance

Compliance

- FDA CFR21 Part 177 compliant core - 939

Construction

- Tube: 939 - Natural FDA Compliant PTFE
939B - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

Fittings

- 93N Series – pg. E-62
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Operating Parameters

- Temperature Range:
-100°F (-73°C) to 450°F (232°C)
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Notes

- Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as paints, fuels, steam, etc.
- *28 in/Hg can be obtained by using an internal spring guard See pg. F-20

Series 939/939B

[Visit the webpage](#)

| Part Number | | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating | Weight | | Permanent Fitting Series |
|-------------|--------------------|--------------|------|--------------|------|--------------------------|------|---------------------|-------|-------------|----------|--------|--------------------------|
| Natural | Static-Dissipative | inch | mm | inch | mm | psi | MPa | inch | mm | Hg/73F | lbs./ft. | kg/mtr | |
| 939-6 | 939B-6 | 3/8 | 10 | 0.59 | 15.0 | 1500 | 10.3 | 2-1/4 | 57.0 | 28 | 0.12 | 0.18 | 93N |
| 939-8 | 939B-8 | 1/2 | 12.5 | 0.79 | 20.1 | 1350 | 9.3 | 2-7/8 | 73.0 | 28 | 0.21 | 0.31 | 93N |
| 939-10 | 939B-10 | 5/8 | 16 | 0.88 | 22.4 | 1000 | 6.9 | 3 | 76.0 | 28 | 0.24 | 0.36 | 93N |
| 939-12 | 939B-12 | 3/4 | 19 | 1.09 | 27.7 | 1100 | 7.6 | 3-3/4 | 95.0 | 28 | 0.32 | 0.47 | 93N |
| 939-16 | 939B-16 | 1 | 25 | 1.33 | 33.8 | 1000 | 6.9 | 5 | 127.0 | 28 | 0.45 | 0.67 | 93N |
| 939-20 | 939B-20 | 1-1/4 | 31.5 | 1.75 | 44.5 | 1000 | 6.9 | 6-1/4 | 159.0 | 20* | 0.70 | 1.04 | 93N |
| 939-24 | 939B-24 | 1-1/2 | 38 | 2.05 | 52.1 | 750 | 5.2 | 7-1/2 | 191.0 | 12* | 0.80 | 1.18 | 93N |
| 939-32 | 939B-32 | 2 | 51 | 2.56 | 65.0 | 250 | 1.7 | 10 | 254.0 | 5* | 1.01 | 1.50 | 93N |



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.