

919U – PTFE hose with PU cover

Performance exceeds SAE 100 R14A



MAIN FEATURES

- With polyurethane cover
- Inert to virtually all hydraulic and chemical fluids
- One-piece fittings suitable for the Parker assembly system

APPLICATIONS

Medium pressure service for use with hydraulic fluids at high temperatures and aggressive chemicals in the chemical industry, when **high abrasion resistance** is required.
 Suitable for the food industry. The core tube material conforms to FDA 21 CFR177.1550.

CONSTRUCTION

Core tube : Polytetrafluoroethylene
Pressure reinforcement : One braided layer of stainless steel wire

Cover : Polyurethane
Colour : black

TEMPERATURE RANGE

-40°C up to +135°C

PTFE / FEP

| Part No. # | ID mm | ID inch | OD mm | OD inch | Wall thickness mm | Max. working pressure MPa / psi | | Min. burst pressure MPa / psi | | Min. bend radius mm | Weight kg/m | Fittings |
|---------------|-------|---------|-------|---------|-------------------|---------------------------------|-------|-------------------------------|--------|---------------------|-------------|----------|
| 919U-4 | 4.8 | 3/16 | 9.5 | 3/8 | 0.76 | 21.0 | 3,000 | 83.0 | 12,000 | 51 | 0.12 | 91N |
| 919U-6 | 7.9 | 5/16 | 12.7 | 1/2 | 0.76 | 17.5 | 2,500 | 69.0 | 10,000 | 101 | 0.20 | 91N |
| 919U-8 | 10.3 | 13/32 | 15.9 | 5/8 | 0.76 | 14.0 | 2,000 | 56.0 | 8,000 | 127 | 0.22 | 91N |
| 919U-12 | 15.9 | 5/8 | 21.4 | 27/32 | 0.76 | 8.3 | 1,200 | 34.5 | 5,000 | 191 | 0.33 | 91N |
| 919U-16 | 22.2 | 7/8 | 27.0 | 1 1/16 | 0.89 | 6.9 | 1,000 | 27.5 | 4,000 | 229 | 0.47 | 91N |

NOTES

- Vacuum rating: 95 kPa (13.8 psi) size -4 up to -8
 40 kPa (5.8 psi) size -12
 47 kPa (6.8 psi) size -16.
- Cover must be skived prior to fitting attachment.