

943B – 3,000 PSI W.P. High Temp Hose



Features

- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Certifications

- Meets or Exceeds SAE 100R7 and SAE 100R17

Applications/Markets



- High temp hydraulic applications
- Chemical transfer
- Compressed air/gases

| Part Number | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Vac. Rating Hg./73°F | Weight | |
|-------------|--------------|----|--------------|----|--------------------------|------|---------------------|-----|----------------------|--------|----------|
| | inch | mm | inch | mm | psi | MPa | inch | mm | | inch | lbs./ft. |
| # | | | | | | | | | | | |
| 943B-6 | 5/16 | 8 | .49 | 12 | 3,000 | 20.7 | 2.50 | 64 | 28 | .18 | .26 |
| 943B-8 | 13/32 | 10 | .62 | 16 | 3,000 | 20.7 | 2.88 | 73 | 28 | .24 | .35 |
| 943B-10 | 1/2 | 13 | .73 | 19 | 3,000 | 20.7 | 3.25 | 83 | 28 | .32 | .46 |
| 943B-12 | 5/8 | 16 | .99 | 25 | 3,000 | 20.7 | 4.00 | 102 | 28 | .70 | 1.01 |
| 943B-16 | 29/32 | 23 | 1.25 | 32 | 3,000 | 20.7 | 5.00 | 127 | 28 | 1.02 | 1.53 |

Construction

Tube: Black static-dissipative PTFE
 Reinforcement: 304 Stainless Steel braid

Operating Parameters

Temperature Range:
 -65°F to +400°F (-54°C to +204°C)
 Change in length at working pressure is +2% to -2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

94 Series – pg. E-70

Notes

Factory-made assemblies only
 Not suggested for steam-cold water cycling applications

For detailed ordering information, please consult price list or contact Parflex® Division.

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