

SAE100R16H **COMPACT DOUBLE-WIRE BRAID HOSE**

HIGH-TEMPERATURE

This double-wire, non-skive, braided hydraulic hose is designed for high-temperature applications requiring a tighter bend radius. It has enhanced abrasion resistance and meets or exceeds SAE J517 100R16 standards.



TECHNICAL DETAILS

CONSTRUCTION

Inner Tube: Synthetic rubber

Reinforcement: Two braids of high-tensile steel wire

Outer Cover: Oil, weather, and abrasion resistant synthetic rubber, blue, MSHA compliant

APPLICATION

High-temperature applications requiring a tighter bend radius. Suitable for the passage of mineral and vegetable oils, water-based solutions, water, air and inert gases.

Air Applications: For air and inert gas applications, the cover should be pinpricked.

SPECIFICATIONS

Standards: Meets or exceeds SAE J517 100R16, EN857 and 2SC

Approvals: MSHA, DNV

Temperature Range: -40°C - 150°C. For air, no higher than 121°C

Hose Tails: K series

| Part Number | Size (in) | ID (mm) | OD (mm) | Working PSI | Min. Burst Pressure (PSI) | Min. Bend Radius (mm) | Reel Length (m) | Weight (kg/m) |
|-------------|-----------|---------|---------|-------------|---------------------------|-----------------------|-----------------|---------------|
| 100R16H-04 | 1/4 | 6.4 | 13.2 | 5800 | 23200 | 50 | RL* | 0.30 |
| 100R16H-06 | 3/8 | 9.5 | 16.7 | 4800 | 19200 | 65 | RL* | 0.40 |
| 100R16H-08 | 1/2 | 12.7 | 20.2 | 4000 | 16000 | 90 | RL* | 0.50 |
| 100R16H-10 | 5/8 | 15.9 | 24.0 | 3600 | 14400 | 100 | RL* | 0.65 |
| 100R16H-12 | 3/4 | 19.0 | 27.9 | 3100 | 12000 | 120 | RL* | 0.85 |
| 100R16H-16 | 1 | 25.4 | 35.1 | 2400 | 9600 | 150 | RL* | 1.15 |

Looking for larger dash sizes? Refer to SAE 100R2H - page X

*RL = Random Length



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