

SAE100R2H **DOUBLE-WIRE BRAID HOSE**

HIGH-TEMPERATURE

This double-wire, braided, non-skive hydraulic hose is designed for high-temperature, high-pressure applications. Its wrapped cover enhances abrasion resistance and meets or exceeds SAE J517 100R2, EN853 and 2SN standards.



TECHNICAL DETAILS

CONSTRUCTION

Inner Tube: Synthetic rubber
Reinforcement: Two braids of high-tensile steel wire separated by a synthetic rubber layer
Outer Cover: Oil, weather, and abrasion resistant synthetic rubber, blue, MSHA compliant

SPECIFICATIONS

Standards: Meets or exceeds SAE J517 100R2, EN853 and 2SN

Approvals: MSHA

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

Hose Tails: K series

APPLICATION

High-temperature, high-pressure hydraulic applications. 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.

| Part Number | Size (in) | ID (mm) | OD (mm) | Working PSI | Min. Burst Pressure (PSI) | Min. Bend Radius (mm) | Reel Length (m) | Weight (kg/m) |
|-------------------------------------------------------------|-----------|---------|---------|-------------|---------------------------|-----------------------|-----------------|---------------|
| <i>Looking for smaller dash sizes? Refer to SAE 100R16H</i> | | | | | | | | |
| 100R2H-20 | 1 1/4 | 31.8 | 47.8 | 1800 | 7200 | 420 | 20 | 2.16 |
| 100R2H-24 | 1 1/2 | 38.1 | 54.2 | 1300 | 5200 | 500 | 20 | 2.48 |
| 100R2H-32 | 2 | 50.8 | 67.0 | 1150 | 4600 | 630 | 20 | 3.08 |