

# 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

### 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.

### 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

Part Number	Size (in)	ID (mm)	OD (mm)	Working PSI	Min. Burst Pressure (PSI)	Min. Bend Radius (mm)	Reel Length (m)	Weight (kg/m)
Looking for smaller dash sizes? Refer to SAE 100R16H								
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



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