

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

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

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.

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