

SAE100R19 **DOUBLE-WIRE BRAID HOSE**

HIGH-PRESSURE

This double-wire, braided, non-skive hydraulic hose is designed for high-pressure applications. Its wrapped cover enhances abrasion resistance and meets or exceeds SAE J517 100R19 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, black, MSHA compliant

APPLICATION

High-pressure hydraulic applications. Suitable for the passage of mineral and vegetable oils, water-based solutions and inert gases.

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

SPECIFICATIONS

- Standards:** Meets or exceeds SAE J517 100R19
- Approvals:** MSHA, DNV
- Temperature Range:** -40°C - 100°C (125°C discontinuous)
- 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)
100R19-10	5/8	15.9	23.8	4100	16400	100	60	0.65
100R19-12	3/4	19.0	27.8	4100	16400	120	60	0.80
100R19-16	1	25.4	37.0	4100	16400	150	40	1.25