

# SAE100R16 **COMPACT DOUBLE-WIRE BRAID HOSE**

## PREMIUM SMOOTH COVER

This double-wire, non-skive, braided hydraulic hose is designed for medium-pressure applications. Its smooth cover enhances abrasion resistance and meets or exceeds SAE J517 100R16 standards. Also available in a Twin Line variant (SAE100R16TW).



## TECHNICAL DETAILS

### CONSTRUCTION

**Inner Tube:** Synthetic rubber (NBR I)  
**Reinforcement:** Two braids of high-tensile steel wire  
**Outer Cover:** Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant

### APPLICATION

Ideal for hydraulic systems serviced with petroleum and water-based fluids.

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

### SPECIFICATIONS

**Standards:** Meets or exceeds SAE J517 100R16  
**Approvals:** MSHA, LR  
**Temperature Range:** -40°C - 100°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)
100R16-04	1/4	6.4	13.2	5000	20000	50	100	0.32
100R16-06	3/8	9.5	17.3	4000	16000	65	100	0.40
100R16-08	1/2	12.7	20.8	3500	14000	90	100	0.55