

SAE100R16GP **COMPACT DOUBLE-WIRE BRAID HOSE**

GENERAL PURPOSE

This double-wire, non-skive, braided hydraulic hose is designed for medium to high-pressure applications. Its outer cover enhances abrasion resistance and meets or exceeds SAE J517 100R16 and EN857 2SC standards.



TECHNICAL DETAILS

CONSTRUCTION

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

APPLICATION

Medium to high-pressure hydraulic lines. Suitable for petroleum-based hydraulic fluids, synthetic esters, biodegradable hydraulic fluids, water-glycol-based fluids and air.

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

SPECIFICATIONS

Standards: Meets or exceeds SAE J517 100R16, EN857 2SC

Approvals: MSHA

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)
100R16GP-04	1/4	6.4	13.2	5800	23200	50	100	0.30
100R16GP-06	3/8	9.5	17.0	4785	19140	65	100	0.42
100R16GP-08	1/2	12.7	20.5	4000	16000	90	100	0.54
100R16GP-10	5/8	15.9	24.0	3625	14500	100	100	0.68
100R16GP-12	3/4	18.9	28.0	3120	12480	120	70	0.80
100R16GP-16	1	25.4	35.3	2400	9600	150	70	1.15