

SAE100R2GP **DOUBLE-WIRE BRAID HOSE**

GENERAL PURPOSE WRAPPED COVER

This double-wire, non-skive, braided hydraulic hose is designed for medium to 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 copper-clad wire separated by a synthetic rubber layer
Outer Cover: Oil, weather, and abrasion resistant synthetic rubber, black

APPLICATION

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

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

SPECIFICATIONS

Standards: Meets or exceeds SAE J517 100R2, EN853 and 2SN
Temperature Range: -40°C - 100°C
Hose Tails: K series, D series with D2 shells

Part Number	Size (in)	ID (mm)	OD (mm)	Working PSI	Min. Burst Pressure (PSI)	Min. Bend Radius (mm)	Reel Length (m)	Weight (kg/m)
100R2GP-04	1/4	6.4	15.0	5800	23200	100	100	0.35
100R2GP-06	3/8	9.5	18.7	4785	20000	127	100	0.50
100R2GP-08	1/2	12.7	22.2	4000	15950	178	100	0.62
100R2GP-10	5/8	15.9	25.3	3625	14500	203	100	0.72
100R2GP-12	3/4	19.0	29.6	3120	12470	240	70	0.92
100R2GP-16	1	25.4	37.1	2395	9570	300	70	1.30



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