

HYDRAULIC HOSE & PROTECTION

2SN - 2 Wire Hose - High Abrasion Cover

Hose construction and size selected to match the fluid, operating duty and installation.

Construction & technical characteristics

Characteristic	Specification
Inner tube	Oil- and water-resistant synthetic rubber
Reinforcement	Two high-tensile steel-wire braids
Outer cover	Abrasion-, ozone-, UV-, weather- and salt-water-resistant synthetic rubber
Operating temperature	-40 to +100 °C
Construction standard	EN 853 2SN / SAE 100 R2AT
Nominal safety factor	4:1

Ordering references: 2SMR-04 / 2SMR-06 / 2SMR-08 / 2SMR-12 / 2SMR-16

Hose dimensions & operating limits

Part code	Bore (in)	ID (mm)	OD (mm)	Working pressure (bar)	Burst pressure (bar)	Min. bend radius (mm)	Mass (kg/m)
2SMR-04	1/4	6.4	15	400	1600	100	0.33
2SMR-06	3/8	9.5	19	330	1320	125	0.5
2SMR-08	1/2	12.7	22.2	275	1100	180	0.59
2SMR-12	3/4	19	29.3	215	850	240	0.86
2SMR-16	1	25.4	38.1	165	650	300	1.28

Ratings apply to the exact part code and specified construction. Fluid compatibility, temperature derating and the complete assembly must suit the operating duty. Values marked Confirm require configuration verification.

Application & quotation checklist

Inside diameter and overall length; Working pressure and pressure peaks; Fluid and operating temperature; End connections, orientation and routing

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.