

HYDRAULIC HOSE & PROTECTION

R15 - 4 or 6 Wire Spiral Hose

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	Four or six high-tensile steel-wire spiral layers; layer count by size not specified
Outer cover	Synthetic rubber resistant to abrasion, ozone and weathering
Operating temperature	-40 to +100 °C
Construction standard	DIN EN 856 R15 (; designation needs clarification)
Nominal safety factor	4:1

Ordering references: R15-12 / R15-16 / R15-20 / R15-24

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)
R15-12	3/4	19	32.9	420	1680	265	1.5
R15-16	1	25.4	38.9	420	1680	330	2.1
R15-20	1-1/4	31.8	48.4	420	1680	445	3.6
R15-24	1-1/2	38.1	56.3	420	1680	530	5.1

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.