

HYDRAULIC HOSE & PROTECTION

Performance Range - 2K - 2 Wire Compact 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	Two high-tensile steel-wire braids
Outer cover	High-abrasion synthetic rubber resistant to ozone and weathering
Operating temperature	-40 to +120 °C
Construction standard	Exceeds EN 857 2SC (claim)
Nominal safety factor	4:1

Ordering references: 2KXH-04 / 2KXH-05 / 2KXH-06 / 2KXH-08 / 2KXH-10 / 2KXH-12 / 2KXH-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)
2KXH-04	1/4	6.4	13.1	450	2100	45	0.28
2KXH-05	5/16	8	14.7	420	1750	55	0.32
2KXH-06	3/8	9.5	17.1	385	1700	65	0.43
2KXH-08	1/2	12.7	20.3	345	1450	80	0.56
2KXH-10	5/8	16	25	320	1380	90	0.83
2KXH-12	3/4	19	29.3	300	1250	120	1.06
2KXH-16	1	25.4	35.8	225	1000	160	1.37

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.