

HYDRAULIC HOSE & PROTECTION

R14 - PTFE Hose

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

Construction & technical characteristics

Characteristic	Specification
Inner tube	sintered PTFE
Reinforcement	single stainless steel wire braid
Operating temperature	-60 to +260 °C
Construction standard	SAE 100 R14
Nominal safety factor	4:1

Ordering references: TEF-02 / TEF-03 / TEF-04 / TEF-06 / TEF-08 / TEF-10 / TEF-12 / TEF-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)
TEF-02	1/8	3	6.2	225	900	40	Confirm
TEF-03	3/16	4.8	7.6	190	760	50	0.08
TEF-04	1/4	6	8.8	180	720	75	0.1
TEF-06	3/8	9.5	12.1	165	660	125	0.16
TEF-08	1/2	12.5	16.2	120	480	165	0.22
TEF-10	5/8	16	18.8	88	352	200	0.28
TEF-12	3/4	19	23.1	70	280	230	0.33
TEF-16	1	Confirm	26.2	60	240	230	0.45

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.