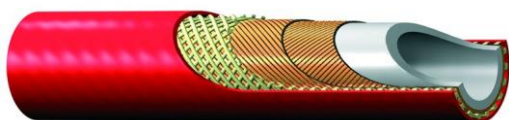


New! Real 720 bar working pressure hose.



The new 720 bar hose from Polyflex has several features and benefits:

- real 720 bar working pressure
- slim design (outer diameter of 12,5 mm)
- low volumetric expansion of 3,1 ml/m because of its steel reinforcement
- good kink resistance compared to other hoses with yarn reinforcement
- small bend radius of 38mm (25mm reached during testing at 720 bar and 100°C)
- over 200000 impulse cycles passed at 1,33 times working pressure, 100°C medium temperature and a bend radius of 70mm
- available in almost all RAL colours
- twinable
- Made of plastic

Polyflex has 20 years of experience in serving markets like rescue tools, hydraulic jacking etc.

Construction	Material
Inner core:	PA12
Pressure reinforcement:	two spiral layers and two open spiral layers of high tensile steel wire
Outer cover:	TPU

Dimensions	
Inner diameter:	6,4 mm ±0,1 mm
Outer diameter:	12,5 mm ±0,1 mm
Bend radius:	70 mm (25mm)
Weight:	0,25 kg/m

Performances	
Burst pressure:	288,0 MPa (41760 psi)
Operating pressure:	72,0 MPa (10440 psi)
Safety factor:	1:4
Change in length at working pressure:	+2% / -2%
Impulse strength:	≥ 200.000 Impulse cycles (acc. to DIN EN ISO 6803)
Volumetric expansion at operating pressure:	10,0% @ W.P.
Operating temperature:	-40°C - +100°C
Chemical resistance:	Catalogue No. 4460-UK
Fitting Series:	8X

Application

Ultra-high pressure service for use with petroleum or synthetic hydraulic fluids. High kink resistance and high flexibility for hydraulic tools, straightening benches, clamps, rescue equipment.

Remarks

The above hose performance data is only relevant if used with the specified fittings and assembled according to the approved Parker Polyflex assembly procedure.