

Applications

Waterblast:

Surface preparation (concrete removal, surface cleaning of buildings, paint removal), ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)

Hydraulics:

Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools), hydroforming



Technical Information

Inner Core:

Polyoxymethylene (POM)

Pressure Support:

8 layers of high-tensile steel wire

Outer Cover:

Polyamide (PA)


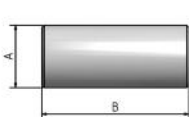
Color:

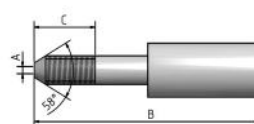
Orange

Temperature:

-30°C to +60°C [-22°F to 140°F]


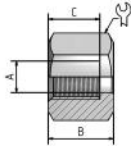
Ø ID	Ø OD	Working Pressure -- (SF 2,5:1)	Burst Pressure	Bend Radius	Weight	Insert ID	
4,0 mm	12,8 mm	--	3.200 bar	8.000 bar	175 mm	0,540 kg/m	1,8 mm
0,16 inch	0,50 inch	--	46.400 psi	116.000 psi	6,89 inch	0,362 lbs/ft	0,07 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C		
Sleeve							
10480102	-	Steel	19,5	48,4	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	🔧	
HP fitting								
40460204C	1/4"x28UNF LH	Stainless steel	-	2,5	82	14,3	-	
40460224C	3/8"x24UNF LH	Stainless steel	-	3,2	90	19,1	-	
40460234C	9/16"x18UNF LH	Stainless steel	-	1,8	104	24	-	

Type M female swivel								
20460644C	9/16"x18UNF	Stainless steel	50560605, 50560601	1,8	63	-	22	



Part no.	Thread	Material	Relief bores	Dimensions (mm)					Swivel nut
				A	B	C			
Swivel nut									
50560605	9/16"x18UNF	AISI 316	1 radial	9,2	18	14	22		
50560601	9/16"x18UNF	Steel	1 radial	9,2	18	14	22		

Production related variations of the burst pressure of up to 5 % are possible. Other colors upon request.

The safety factors between the burst pressure and the working pressure as well as the test pressure depend on the operating conditions. For gaseous media the outer cover is to be pinpricked.

Regarding the safety factor for gaseous media please contact your local SPIR STAR® assembling center.

The indicated working pressure refers to the hose only. Depending on the used fitting the permitted working pressure of a hose assembly may be less.

^{a)} Blast-Pro® fittings may only be used for tube cleaning operations inside the tube. They have not been designed for the use outside of tubes.

We reserve our rights for technical changes without notice. Subject to printing errors.