



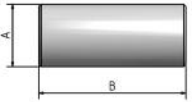
## Applications

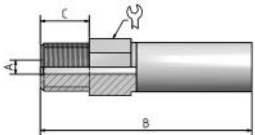
- Waterblast:** Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning, ultra high-pressure waterjet cutting and hydro demolition (cutting and demolition of armoured concrete, pipelines, paper or steel)
- Hydraulics:** Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)
- Oil and Gas:** Chemical injection, nitrogen service, Gaseous media handling

## Technical Information

- Inner Core:** Polyamide (PA)
- Pressure Support:** 4 layers of high-tensile steel wire
- Outer Cover:** Polyamide (PA)
- Color:** Grey
- 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
24,8 mm	36,3 mm	--	900 bar	300 mm	1,715 kg/m	19,0 mm
0,98 inch	1,43 inch	--	13.050 psi	11,81 inch	1,149 lbs/ft	0,75 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
12540235	-	AISI 316Ti	45,9	75	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
<b>Male fitting</b>								
32540405B	1"x11 1/2NPTF	AISI 316Ti	-	19	112	25	36	

<b>Female swivel with O-Ring</b>								
22540205B	M42x2	AISI 316Ti	52520201, 52521215	19	118	-	50	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
<b>Type M female swivel</b>								
22540645B	1 5/16"x12UN	AISI 316Ti	52530645, 52530605	19	98	-	41	
<b>JIC female swivel</b>								
22540605B	1 5/16"x12UN	AISI 316Ti	52530605	19	96	-	41	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⚙	
<b>Swivel nut</b>								
52530645	1 5/16"x12UN	AISI 316Ti	1 radial	27,1	31,5	11,5	41	
52530605	1 5/16"x12UN	AISI 316Ti	1 radial	27,1	34,5	14,5	41	
52520201	M42x2	Steel	1 radial	30,2	34	22	50	
52521215	M42x2	AISI 316Ti	2 axial	30,2	34	24	50	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
<b>Hose securing grip short version</b>					
9204400	600,00	820,00	35,10	30-40	

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.

\*) 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.