

Hose Type 20/4

ID20 - Series: C



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)

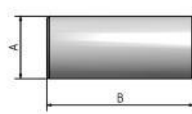
Oil and Gas: Chemical injection, nitrogen service, Gaseous media handling

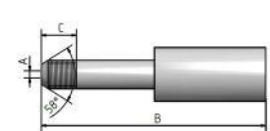


Technical Information


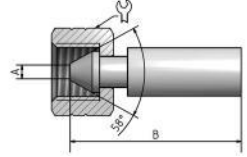
Inner Core: Polyamide (PA)
Pressure Support: 4 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Colour: Grey
Temperature: -30°C to +60°C [-22°F to 140°F]


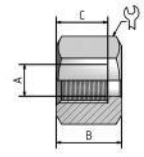
Ø ID	Ø OD	Working Pressure (SF 2.5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
18,8 mm	28,8 mm	1.040 bar	2.600 bar	250 mm	1,350 kg/m	13,0 mm
0,74 inch	1,13 inch	15.080 psi	37.700 psi	9,84 inch	0,905 lbs/ft	0,51 inch


Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
I204013I	-	Steel	36,9	72	-	-	


Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
MP fitting								
42060304C	1"x14UNS LH	Stainless steel	-	13	158	30	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
Female swivel with O-Ring								
22060202C	M36x2	Steel	5204020I	13	127	-	46	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
Type M female swivel								
22060644C	1 5/16"x12UN	Stainless steel	52040645	13	107	-	46	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
52040645	1 5/16"x12UN	AISI 316Ti	1 radial	25,5	31,5	11,5	46	
52040201	M36x2	Steel	1 radial	25,5	38	22	46	

Part no.	Size (mm)	Material	Crimp ring	Hose protection with spiral	Hose protection
1.914051	ID Ø40, OD Ø47	PVC	1005054		

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
9136400	600,00	800,00	24,30	25-30	

Accessories combinations					
Without hose protection					
Description			Bend restrictor	Crimp ring	Securing grips
Securing grip			-	-	9136400
Hose protection with spiral					
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips	
Protection hose	1.914051	-	1005054	-	
with securing grip	1.914051	-	-	-	9136400

Production-related variations of the burst pressure of up to 5 % are possible. Other colours 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.