

Hose Type 20/4PPA®

ID20 - Series: C



Applications

Hydraulics:

Hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

Oil and Gas:

Methanol service (oil rigs, distribution panels, umbilicals), jumper/ subsea well control, chemical injection, nitrogen service, Gaseous media handling



Technical Information

Inner Core:

Polyvinylidenfluoride (PVDF)

Pressure Support:

4 layers of high-tensile steel wire

Outer Cover:

Polyamide (PA)

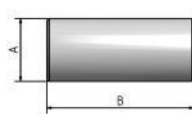
Colour:

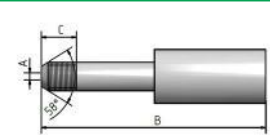
Dark green

Temperature:

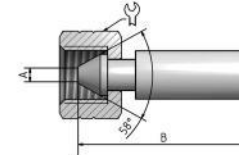
-20°C to +80°C [-4°F to 176°F]


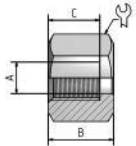
Ø ID	Ø OD	Working Pressure		Burst Pressure	Bend Radius	Weight	Insert ID
		(SF 3,6:1)	(SF 4,0:1)				
18,8 mm	28,8 mm	775 bar	690 bar	2.760 bar	500 mm	1,350 kg/m	13,0 mm
0,74 inch	1,13 inch	11.230 psi	10.000 psi	40.000 psi	19,69 inch	0,907 lbs/ft	0,51 inch


Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
12040131	-	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	52040211	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	
52040211	M36x2	Steel	1 radial	25,5	30	18	46	

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	

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

Maximum test pressure 1035 bar/15000 psi.

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.

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