Hose Type 25/4PPA®

254PPA4017

ID25 - Series: HB

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

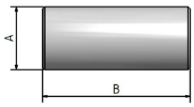
Technical Information

Inner Core: Polyvinylidenfluoride (PVDF)
Pressure Support: 4 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Color: Dark green
Temperature: -20°C to +80°C [-4°F to 176°F]

Ø ID	Ø OD	Working Pressure (SF 3,0:1)	Working Pressure (SF 4,0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
24,8 mm	36,3 mm	690 bar	520 bar	2.070 bar	500 mm	1,820 kg/m	18,0 mm
0,98 inch	1,43 inch	10.000 psi	7.500 psi	30.000 psi	19,69 inch	1,223 lbs/ft	0,71 inch

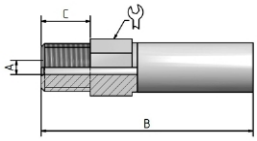
Sleeve

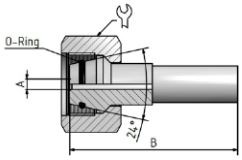
Part no.	Thread	Material	Dimensions (mm) A	B	C	
Sleeve						
12540125	-	AISI 316Ti	42,4	92	-	-



Insert

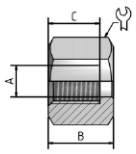
Part no.	Thread	Material	Nut	Dimensions (mm) A	B	C	
Male fitting							
32540405HB	1"x11 1/2NPTF	AISI 316Ti	-	18	131	25	36
Female swivel with O-Ring							
22540205HB	M42x2	AISI 316Ti	52521215	18	122	-	50





Swivel nut

Part no.	Thread	Material	Relief bores	Dimensions (mm) A	B	C	
Swivel nut							
52521215	M42x2	AISI 316Ti	2 axial	30,2	34	35,8	50



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Hose securing grip

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)
Hose securing grip short version				
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.
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.