Hose Type 25/2KM

ID25 - Series: S

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, control of subsea hydraulic components, nitrogen service

Technical Information

Inner Core: BESNO P40 TLO (PA11)

Pressure Support: 2 layers of high-tensile steel wire, 1 braided layer of steel wire

Outer Cover: Polyamide (PA)

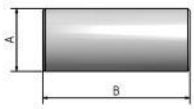
Colour: Dark blue

Temperature: -30°C to +60°C [-22°F to 140°F]

Ø ID	Ø OD	Working Pressure (SF 2,5:1)	Working Pressure (SF 4,0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
23,6 mm	32,6 mm	550 bar	345 bar	1.380 bar	280 mm	1,200 kg/m	16,5 mm
0,93 inch	1,28 inch	8.000 psi	5.000 psi	20.000 psi	11,02 inch	0,804 lbs/ft	0,65 inch

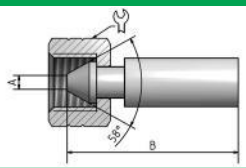
Sleeve

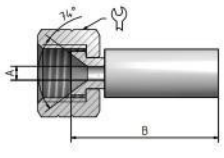
Part no.	Thread	Material	Dimensions (mm) A	B	C	
Sleeve						
12530245	-	AISI 316Ti	42,3	74	-	-



Insert

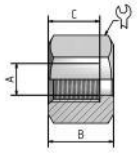
Part no.	Thread	Material	Nut	Dimensions (mm) A	B	C	
Type M female swivel							
22530645S	1 5/16"x12UN	AISI 316Ti	52530645	16,5	98	-	41
JIC female swivel							
22530605S	1 5/16"x12UN	AISI 316Ti	52530605	16,5	96	-	41





Swivel nut

Part no.	Thread	Material	Relief bores	Dimensions (mm) A	B	C	
Swivel nut							
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



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ID25 - Series: S

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 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.*
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