



ID13 - Series: A

Hose Type 1 3/2W Hydrostatic Hose 0- 15,000 Psi

Applications

Hydrostatic:

Pressure test, booster, burst test, injection, hydro, function test, static pressure. Pressure test equipment Bolt tensioning, (valves, tooling, instrumentation, panels, controls, jacks) hydroforming, subsea, hydraulics and more.

Liquids & Gases

Hydraulics, Waters, Oils, Glycol (Nitrogen, Oxigen, Helium, Hydrogen, Air, Argon)

Technical Information

Inner Core:

Polyamide (PA) 2 open layers, 2 dense layers of high-tensile steel wire Polyurethane (TPU)

Pressure Support Outer Cover:

Black

Color:

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
12,8 mm	20,8 mm	--	1.040 bar	150 mm	0,590 kg/m	8,5 mm
0,50 inch	0,82 inch	--	15.080 psi	5,91 inch	0,395 lbs/ft	0,33 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⌀	
Sleeve							
I1330191W	-	Steel	27,2	58	-	-	
I1330195W	-	AISI 316Ti	27,2	58	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
Male fitting								
31320401A	1/2"x14NPTF	Steel	-	8,5	90	18	22	
31320405A	1/2"x14NPTF	AISI 316Ti	-	8,5	90	18	22	

Hose Quick Disconnect



Order with 2 quick disconnect sets

0-15,000 Psi pressure hoses quick disconnects (all stainless steel) coupler and nipple set 1/2" female NPT

Part# CQD-08-SET

www.hydrorex.com



Also available in multiple connections Type MP, MM & GI/2

Part no.	Thread	Material	Nut	Dimensions (mm)			Insert
				A	B	C	
MP fitting							
41320205A	9/16"x18UNF LH	AISI 316Ti	-	8,5	109	12,7	-

Female swivel 24°/60°								
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙️	
21320311A	GI/2"	Steel	51060311	8,5	73	-	27	
21320315A	GI/2"	AISI 316Ti	51060315	8,5	73	-	27	

Female swivel with O-Ring								
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙️	
21320101A	M22x1,5	Steel	51360221	8,5	85	-	30	
21320241A	M24x1,5	Steel	51321206	8,5	80	-	32	
21320245A	M24x1,5	AISI 316Ti	51320205	8,5	80	-	32	

Type M female swivel								
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙️	
21320641A	1"x12UNF	Steel	51360641	8,5	74	-	32	
21320645A	1"x12UNF	AISI 316Ti	51360645, 51360643	8,5	74	-	32	

Swivel nut								
Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⚙️	
Swivel nut								
51360641	1"x12UNF	Steel	1 radial	16,8	28	22	32	
51360643	1"x12UNF	Stainless steel	1 radial	16,8	28	22	32	
51360645	1"x12UNF	AISI 316Ti	1 radial	16,8	28	22	32	
51060311	GI/2"	Steel	1 radial	16,7	23,5	13,5	27	
51060315	GI/2"	AISI 316Ti	1 radial	16,7	23,5	13,5	27	
51360221	M22x1,5	Steel	1 radial	16,8	25	14	30	
51321206	M24x1,5	Steel	2 axial	16,8	23	16	32	
51320205	M24x1,5	AISI 316Ti	1 radial	16,8	23	16	32	

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.