

Hose Type 5/2H-I 400

52H076.1400

DuraLife Flex ®

ID5 - Series: A and Q

SPIR STAR®

Applications

Waterblast:

Heat exchanger tube cleaning

Hydraulics:

Pressure test equipment (valves, tooling and control panels), hydraulic tools (instrumentation packages for gauges, control of service equipment, hydraulic jacks, hydraulic tools)

Technical Information

Inner Core:

Polyoxymethylene (POM)

Pressure Support:

2 layers of high-tensile steel wire

Outer Cover:

Polyamide (PA)

Color:

Red

Temperature:

-30°C to +70°C [-22°F to 158°F]

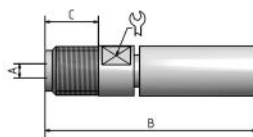
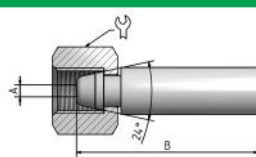
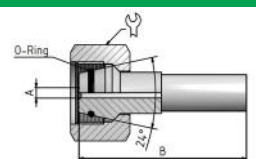
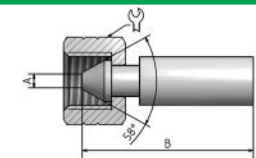


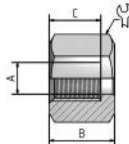
Ø ID	Ø OD	Working Pressure -- (SF 2.5:1)	Burst Pressure	Bend Radius	Weight	Insert ID
4,9 mm	9,5 mm	--	1.400 bar	95 mm	0,148 kg/m	3,0 mm
0,19 inch	0,37 inch	--	20.300 psi	3,74 inch	0,099 lbs/ft	0,12 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C		
Sleeve							
10520101	-	Steel	12,9	38,2	-	-	

Part no.	Thread	Material	Hose part	Dimensions (mm)				 OnePiece Fittings®WS
				A	B	C		
OnePiece Fittings® with wrench size								
30520441Q	1/8"x27NPTF	Steel	30520442/1Q	11,4	39	10	9	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C		
30520401A	1/8"x27NPTF	Steel	-	3	56	10	10	
30520451A	1/4"x18NPTF	Steel	-	3	64	14	12	
30520301A	G1/8"	Steel	-	3	60	10	9	
30520321A	G1/4"	Steel	-	3	58	12	14	
30520011A	M7	Steel	-	3	57,5	10	9	
30520041A	M10x1	Steel	-	3	61,5	12	12	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	W	
Male fitting flat seal								
30520381A	G1/8"	Steel	-	3	61	13	9	
30520021A	M8x1,25	Steel		3	60	12	8	
Female swivel 24°/60°								
20520301A	G1/4"	Steel	50540301, 50540305	3	54	-	19	
20520101A	M14x1,5	Steel	50540101	3	54	-	19	
Female swivel with O-Ring								
20520042A	M24x1,5	Steel	51321206	3	72	-	32	
Type M female swivel								
20520601A	9/16"x18UNF	Steel	50540601, 50540605	3	54	-	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
50540601	9/16"x18UNF	Steel	1 radial	9,2	18	14	19	
50540605	9/16"x18UNF	AISI 316Ti	1 radial	9,2	18	14	19	
50540301	G1/4"	Steel	1 radial	9,2	16,5	8,5	19	
50540305	G1/4"	AISI 316Ti	1 radial	9,2	16,5	8,5	19	
50540101	M14x1,5	Steel	1 radial	9,2	16,5	8,5	19	
51321206	M24x1,5	Steel	2 axial	16,8	23	16	32	
51320205	M24x1,5	AISI 316Ti	1 radial	16,8	23	16	32	

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Part no.	Material	Crimp ring	Dimensions (mm)		Bend restrictor
			Ø	Length	
Rubber bend restrictor					
1.9518400	Rubber	1003035	34	130	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
Hose securing grip short version					
9034400	600,00	740,00	6,60	6-10	

Accessories combinations				
Without hose protection				
Description	Bend restrictor	Crimp ring	Securing grips	
Bend restrictor	1.9518400	1003035	-	
Securing grip	-	-	9034400	
Bend restrictor and securing grip	-	-	-	

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.