

# Hose Type 5/3

DuraLife Flex®

ID5 - Series: A and X



## 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, 1 braided layer of galvanized steel wire
- Outer Cover:** Polyamide (PA)
- Colour:** Green
- 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
5,0 mm	10,3 mm	1.120 bar	2.800 bar	95 mm	0,218 kg/m	3,0 mm
0,20 inch	0,41 inch	16.240 psi	40.600 psi	3,74 inch	0,146 lbs/ft	0,12 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
<b>Sleeve</b>							
10530111	-	Steel	12,9	40	-	-	

Part no.	Thread	Material	Hose part	Dimensions (mm)				OnePiece Fittings®
				A	B	C	D	
<b>OnePiece Fittings®</b>								
30530442X	1/8"x27NPTF	Steel	30520442/1X	3,5	31	10	12,2	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
<b>Male fitting</b>								
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	
<b>Male fitting flat seal</b>								
30520381A	G1/8"	Steel	-	3	61	13	9	
30520021A	M8x1,25	Steel	-	3	60	12	8	

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Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
<b>Female swivel 24°/60°</b>								
20520301A	G1/4"	Steel	50540301, 50540305	3	54	-	19	
20520101A	M14x1.5	Steel	50540101	3	54	-	19	

<b>Female swivel with O-Ring</b>								
20520042A	M24x1.5	Steel	51321206	3	72	-	32	

<b>Type M female swivel</b>								
20520601A	9/16"x18UNF	Steel	50540601, 50540605	3	54	-	19	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	⌀	
<b>Swivel nut</b>								
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	

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
<b>Hose securing grip short version</b>					
9056400	600,00	740,00	10,20	10-15	

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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