

Hose Type 8/4HW-1000

84HW001.1000

ID8 - Series: HW

SPIR STAR®

Applications

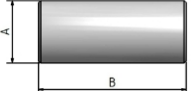
Waterblast: Heat exchanger tube cleaning, surface preparation (concrete removal, surface cleaning of buildings, paint removal), tank and vessel cleaning

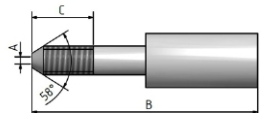
Technical Information

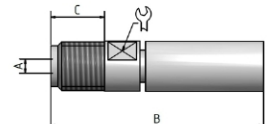
Inner Core: Polyoxymethylene (POM)
Pressure Support: 4 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Color: Blue
Temperature: -30°C to +100°C [-22°F to 210°F]



Ø ID	Ø OD	Working Pressure -- (SF 3,8:1)	Burst Pressure	Bend Radius	Weight	Insert ID
8,0 mm	14,6 mm	--	1.000 bar	200 mm	0,390 kg/m	4,5 mm
0,31 inch	0,57 inch	--	14.500 psi	7,87 inch	0,261 lbs/ft	0,18 inch


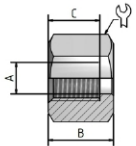
Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⌀	
Sleeve							
10840102HW	-	Steel	20,2	58	-	-	


Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
HP fitting								
40840204HW	9/16"x18UNF LH	Stainless steel		4,5	112	23,8		

Male fitting flat seal								
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
30840304HW	G1/4"	Stainless steel		4,5	85	15	12	


Female swivel with O-Ring								
Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⌀	
20840224HW	M24x1,5	Stainless steel	51321206	4,5	91	-	32	





Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
Swivel nut								
51321206	M24x1,5	Steel	2 axial	16,8	23	16	32	

Part no.	Size (mm)	Material	Crimp ring	Hose protection
1.902228	ID Ø22, OD Ø28	PVC	1002830	

Part no.	Size (mm)	Material	Crimp ring	Hose protection
1.912229	ID Ø22, OD Ø35	PVC	1003035	

Part no.	Material	Crimp ring	Dimensions (mm)		Bend restrictor
			Ø	Length	
Rubber bend restrictor					
1.9518100	Rubber	1003640	39	130	

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

Part no.	Mesh length (mm)	Overall length (mm)	Breaking strength (kN)	Suitable for SPIR STAR® hose outer diameter (mm)	Hose securing grip
905640L	600,00	990,00	10,20	10-15	



Accessories combinations

Without hose protection

Description	Bend restrictor	Crimp ring	Securing grips
Bend restrictor	1.9518100	1003640	-
Securing grip	-	-	9056400
Bend restrictor and securing grip	1.9518100	1003640	905640L

Hose protection without spiral

Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	1.902228	-	1002830	-
with bend restrictor	1.902228	1.9518100	1003640	-
with securing grip	1.902228	-	-	9056400
with bend restrictor and securing grip	1.902228	1.9518100	1003640	905640L

Hose protection with spiral

Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	1.912229	-	1003035	-
with bend restrictor	1.912229	1.9518100	1003640	-
with securing grip	1.912229	-	-	9056400
with bend restrictor and securing grip	1.912229	1.9518100	1003640	905640L

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.

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