

Hose Type 4/4UHP-X-3035

44UHP075-X.3035

SPIR STAR®

DuraLife Flex ®

ID4 - Series: E and YE

Applications

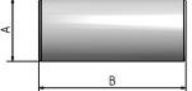
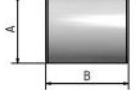
Waterblast: Heat exchanger tube cleaning

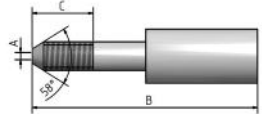
Technical Information

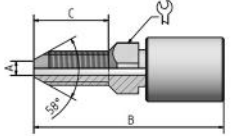
Inner Core: Polyoxymethylene (POM)
Pressure Support: 4 layers of high-tensile steel wire
Outer Cover: Polyamide (PA)
Color: Orange
Temperature: -30°C to +70°C [-22°F to 158°F]



Ø ID	Ø OD	Working Pressure -- (SF 2,0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
4,0 mm	9,9 mm	--	3.035 bar	90 mm	0,234 kg/m	2,5 mm
0,16 inch	0,39 inch	--	44.000 psi	3,54 inch	0,157 lbs/ft	0,10 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
10440102	-	Steel	14,7	49	-	-	
Blast-Pro® sleeve							
10460104YE	-	Stainless steel	11,3	19,5	-	-	

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
HP fitting								
40460214E	1/4"x28UNF LH	Stainless steel	-	2,5	80	14,3	-	
40460204E	3/8"x24UNF LH	Stainless steel	-	3,2	90	19,1	-	

Part no.	Thread	Material	Sleeve	Dimensions (mm)				Blast-Pro® Insert*
				A	B	C	⚙	
Blast-Pro® HP fitting								
40460204YE	1/4"x28UNF LH	Stainless steel	10460104YE	2,5	41	16	9	
40460214YE	1/4"x28UNF	Stainless steel	10460104YE	2,5	41	16	9	
40460224YE	3/8"x24UNF LH	Stainless steel	10460104YE	2,5	47	22	10	
40460234YE	3/8"x24UNF	Stainless steel	10460104YE	2,5	47	22	10	

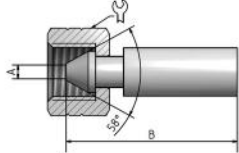
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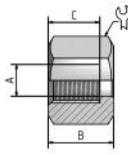
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Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	W	
Type M female swivel								
20460604E	9/16"x18UNF	Stainless steel	50560605, 50560601	2,5	63	-	22	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C	W	
Swivel nut								
50560601	9/16"x18UNF	Steel	1 radial	9,2	18	14	22	
50560605	9/16"x18UNF	AISI 316	1 radial	9,2	18	14	22	

Part no.	Thread	Material	Dimensions (mm)				Tube cleaning accessories
			A	B	C	W	
Stop sleeve							
1.84104401E	-	Steel	-	14,7	49	-	-
1.84104601YE	-	Steel	-	11,3	19,5	-	-

Part no.	Thread	Material	Dimensions (mm)				Marking ring
			A	B	C	W	
1.851215.5	-	AISI 316	-	12,9	10	-	-

Part no.	Size (mm)	Material	Crimp ring	Hose protection
1.901621	ID Ø16, OD Ø21	PVC	1002224	
Hose protection with spiral				
1.912026	ID Ø19, OD Ø26	PVC	1003035	

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	



Accessories combinations				
Without hose protection				
Description		Bend restrictor	Crimp ring	Securing grips
Securing grip		-	-	9056400
Hose protection without spiral				
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	1.901621	-	1002224	-
with securing grip	1.901621	-	-	9056400
Hose protection with spiral				
Description	Protection hose	Bend restrictor	Crimp ring	Securing grips
Protection hose	1.912026	-	1003035	-
with securing grip	1.912026	-	-	9056400

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.

³⁾ 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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