

# Hose Type I3/4HHT®

I34HHT458

**SPIR STAR®**

High Temperature

IDI3 - Series: C

## Applications

**Oil and Gas:** Methanol service (oil rigs, distribution panels, umbilicals), jumper/ subsea well control, chemical injection, control of subsea hydraulic components, nitrogen service, Gaseous media handling

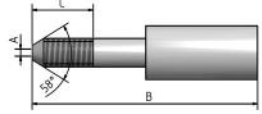
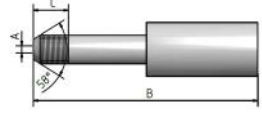
## Technical Information

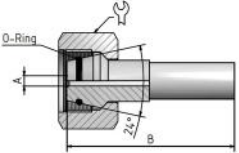
**Inner Core:** Polyvinylidenfluoride (PVDF)  
**Pressure Support:** 4 layers of high-tensile steel wire  
**Outer Cover:** Polyvinylidenfluoride (PVDF)  
**Color:** Grey  
**Temperature:** -20°C to +150°C [-4°F to 300°F]

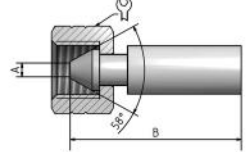



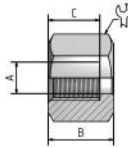
Ø ID	Ø OD	Working Pressure (SF 3.3:1)	Working Pressure (SF 4.0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
12,8 mm	22,0 mm	1.035 bar	860 bar	3.450 bar	300 mm	1,000 kg/m	7,5 mm
0,50 inch	0,87 inch	15.000 psi	12.500 psi	50.000 psi	11,81 inch	0,672 lbs/ft	0,30 inch


Part no.	Thread	Material	Dimensions (mm)				⚙	Sleeve
			A	B	C			
<b>Sleeve</b>								
I1340232	-	Steel	29,5	65	-	-		

Part no.	Thread	Material	Nut	Dimensions (mm)				⚙	Insert
				A	B	C			
<b>HP fitting</b>									
41360214C	9/16"x18UNF LH	Stainless steel	-	7,5	118	24	-		
<b>MP fitting</b>									
41360204C	3/4"x16UNF LH	Stainless steel	-	7,5	121	25	-		

<b>Female swivel with O-Ring</b>								
21360244C	M24x1,5	Stainless steel	51320205, 51321206, 51360206	7,5	89	-	32	

<b>Type M female swivel</b>								
21360644C	1"x12UNF	Stainless steel	51360645, 51360641, 51360643	7,5	84	-	32	

Part no.	Thread	Material	Relief bores	Dimensions (mm)				Swivel nut
				A	B	C		
<b>Swivel nut</b>								
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	
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
9106400	600,00	800,00	20,40	20-25	

**Important Information!**

In case of accidental leakage when transferring hot medium through SPIR STAR hoses the potential for injury exists from escaping fluids at high temperature (up to 150 C or 300F) while under pressure. When used for this purpose SPIR STAR HT series hoses should only be used when there is appropriate protecting devices in place to rule out the possibility of injury. The protecting devices may be removed only (e.g. for repairs) after the hose assembly has been depressurized and cooled to ambient temperature.

*Production related variations of the burst pressure of up to 5 % are possible. Other colors upon request.*

*Maximum test pressure (1290 bar / 18705 psi).*

*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.*

*We reserve our rights for technical changes without notice. Subject to printing errors.*