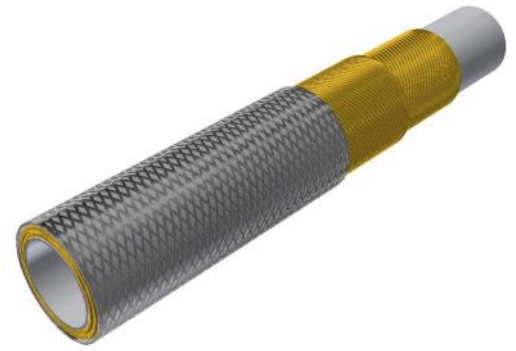


Applications

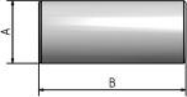
Automotive: Hot glue dispensing, Petrochemicals, Plant engineering and construction, Foaming technology, Transfer hose

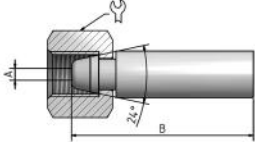
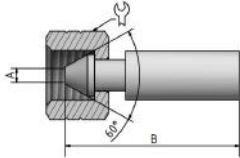
Technical Information

Inner Core: Polytetrafluorethylene (PTFE)
Pressure Support: 2 layers of high-tensile steel wire
Outer Cover: 1 braided layer of galvanized steel wire
Color: -
Temperature: -70°C to +200°C [-94°F to 392°F]



Ø ID	Ø OD	Working Pressure -- (SF 4,0:1)	Burst Pressure	Bend Radius	Weight	Insert ID
31,9 mm	39,3 mm	--	1.000 bar	280 mm	1,560 kg/m	27,0 mm
0,95 inch	1,25 inch	--	14.500 psi	11,02 inch	1,048 lbs/ft	1,06 inch

Part no.	Thread	Material	Dimensions (mm)				Sleeve
			A	B	C	⚙	
Sleeve							
13230301KF		Steel	46	64			

Part no.	Thread	Material	Nut	Dimensions (mm)				Insert
				A	B	C	⚙	
Female swivel 24° heavy								
63230201KF	M52x2	Steel	incl.	26	101,5	-	60	
BSP female swivel 60°								
63230301KF	G1 1/4"	Steel	incl.	26	99,5	-	50	

Important Information!

- If used as a steam hose the max. working pressure is 203 psi (14bar) and the max. temperature is +482°F (+250°C).
- The burst and working pressure applies to working temperatures from +20°C to +50°C.
 Temperature correction factors: (up to 20°C/1,0), (up to 100°C/0,95), (up to 150°C/0,90), (up to 200°C/0,83).
- With dynamic stress, the bend radius should at least be doubled. The radius should be adjusted to the conditions.
 KF hoses are intended for being used as basic hoses for heating hose systems. They do not have an outer cover, and the wires are not protected against corrosion. It is not allowed to use these hoses in a "normal" hose assembly without taking the right steps to prevent the corrosion of the wires because there exists the risk of injury as well as the possibility of the failure of the hose assembly. KF hoses are available as a special execution with a plastic outer cover or wires made of stainless steel. For further information, please contact our SPIR STAR sales personnel.

Production related variations of the burst pressure of up to 5 % are possible.

The safety factors between the burst pressure and the working pressure as well as the test pressure depend on the operating conditions.

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.