Hose Type 16/2KF

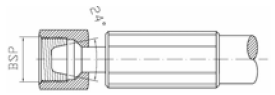
Applications

Automotive : Hot Melt Adhesives / Hot Glue Dispensing, Injection Molding, Chemical Transfer / Paint Transfer, Robotic Systems, Compressed Gas

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

Ø ID	Ø OD	Working Pressure [1][2]	Burst Pressure [2][4]	Min. Bend Radius [3]	Weight	Nipple Ø ID	Sleeve
0,59 inch	0,85 inch	5.800 psi	23.200 psi	6,89 inch	0,470 lbs/ft	0,49 inch	T00.16.03.00 carbon steel
15,1 mm	21,6 mm	400 bar	1.600 bar	175 mm	0,700 kg/m	12,5 mm	

Fittings : ID16, Series F

Description	Size	Material	Part Number	
BSP female swivel	G3/4"	carbon steel carbon steel	nipple / T01.16.18.00 swivel nut / T08.19.00	

----- Additional fittings are available upon request. -----

1) If used as a steam hose the max. working pressure is 203 psi (14bar) and the max. temperature is +482°F (+250°C)

2) The burst and working pressure applies to working temperatures from +20°C to +50°C. Temperature correction factors :
(20°C/1,0), (100°C/0,95), (150°C 0,90), (200°C/0,83).

3) With dynamic stress, the bend radius should at least be doubled. The radius should be adjusted to the conditions.

Important Information !
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. For further information, please contact our SPIR STAR sales personnel.

[4])Production related variations 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. 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 can be less.
We reserve our rights for changes without notice.