

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	

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.

Wichtiger Hinweis

KF-Schläuche sind zur Verwendung als Grundschauch für Heihschlauchsysteme vorgesehen. Sie besitzen keine Oberdecke und die Drähte sind nicht korrosionsgeschützt. Die Verwendung als lose Schlauchleitung ohne entsprechende Maßnahmen, die eine Korrosion der Drähte ausschließen, ist auch im Hinblick auf etwaige Verletzungsrisiken nicht zulässig und kann zum Ausfall der Schlauchleitung führen.

KF-Schläuche sind als Sonderausführung mit Kunststoffoberdecke erhältlich. Für weitere Informationen kontaktieren Sie bitte einen SPIR STAR Verkaufsmitarbeiter

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

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 a safety factor of 1:6 is to be applied and the outer cover is to be pricked. 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.

