

TUFLONSPIR/FEP



Suction and delivery hose for chemical and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Hose resistant to high temperature, used as connection between pipes and fixed equipments. Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties.

DESCRIPTION

- Tube** smooth, FEP (Fluorinated Ethylene Propylene) white, minimum thickness 0,6 mm. FEP is a polymer with excellent resistance to high temperature, mechanical stress and to oxidation. It complies with FDA 21 CFR 177.1550, 177.2600 standards, USP XXIII class VI requirements and European Pharmacopoeia 3.1.9, ISO 10993 Sections 5,6,10,11
- Reinforcem.** Synthetic plies, steel wire helices, a/s copper wire to discharge static electricity
- Cover** smooth EPDM black, conductive, abrasion, ageing and ozone resistant, cloth finish

Sterilization according to 3A Sanitary Standard Class II

TECHNICAL CHARACTERISTICS

Temperature -40°C / +150°C The operating temperature of the hose is directly dependent on the specific fluid been conveyed and the length of time the fluid is in contact with

Vacuum max

Length 40mt

Electrical properties type M ($R < 10^2 \Omega$)

Norm EN 12115

Code	Inside Diameter [mm]	Outside diameter [mm]	Working pressure [bar]	Burst pressure [bar]	Weight approximate [kg/m]	E
	13	24,5	16	64	0,45	
	19	30,5	16	64	0,60	
	25	37,5	16	64	0,83	
	32	44	16	64	0,94	
	38	50,5	16	64	1,27	
	50	66	16	64	2,05	
	51	67	16	64	2,09	
	63,5	80,5	16	64	2,82	
	75	91	16	48	3,16	
	76	92	16	48	3,20	

Data refer to ambient temperature (20°C)
Other dimensions are available on request.