



CHEM PTFE EN 12115

Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Hose resistant to high temperatures, used as connection between pipes and fixed equipment. 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.

Not intended for use as an implant material. Not suitable for blood or human fluids.

KEY FEATURES

- * **Tube** PTFE (polytetrafluorethylene) white,
- * **Reinforcement** synthetic plies, galvanized wire helices, a/s copper wires to discharge static electricity
- * **Cover** smooth, EPDM, black, conductive, abrasion, ageing and ozone resistant, cloth finish
- * **Temperature range** -40°C / +150°C (-40°F / +302°F)
- * **Vacuum** 675 mmHg (26,6 inHg)
- * **Electrical properties** type Ω according to EN 12115 (R<10⁶ Ω)
- * **Sterilization** refer to guidelines for cleaning and sanitizing
- * **Marking** red/white/blue transfer
- * **Norm** EN12115 TRbF 131/2

REGULATION

- * FDA 21 CFR 177.1550
- * USP XXXII class VI
- * ISO 10993 Sections 5,10,11:2009
- * EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE
- * REACH 1907/2006/CE
- * 3A SANITARY STANDARD CLASS II



NB	ID (mm)	OD (mm)	Bending Radius (mm)	WP @ 20°C (Bar)	BP @ 20°C (Bar)	Vacuum* (mm/Hg)	App. Weight (Kg/mt)
15	13	25	90	16	64	675	0,54
20	19	31	130	16	64	675	0,70
25	25	37	170	16	64	675	0,86
32	32	44	215	16	64	675	1,18
40	38	51	255	16	64	675	1,43
50	50	66	330	16	64	675	2,08
65	63,5	79,5	430	16	64	675	2,96
80	75	91	510	16	64	675	3,43
100	100	116	675	12	48	675	4,60

*) Vacuum resistance measured by bending the hose twice its minimum bending radius at ambience temperature (20°C)

