



CHEM PTFE AS EN 12115

Suction and delivery hose 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. Tested and certified hose by INERIS for use in ATEX area (Ex-Zone).

KEY FEATURES

- * **Tube** PTFE (polytetrafluorethylene) black, conductive.
- * **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** -40°C / +150°C (-40°F / +302°F)
- * **Vacuum** 675 mmHg (26,6 inHg)
- * **Electrical properties** type Ω/T according to norm EN 12115 (R<10⁶Ω, R<10⁹Ω through the hose wall)
- * **Sterilization** according to 3A Sanitary Standard Class II
- * **Marking** Red/white/blue transfer tape CHEM PTFE AS, embossed stripe according to the Norm EN 12115 EN12115:2011 DN SD PN 16 BAR /T Q/Y
- * **Norm** EN12115 - TRbF 131/2 - 3A Sanitary Standard Class II

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



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

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

