

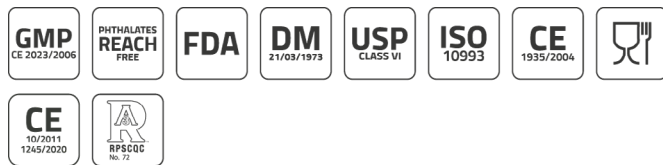
## TUFLUOR® EVOLUTION



**TEMPERATURE:** -40°C / +150°C ( -40°F / +302°F )

*The operating temperature of the hose is directly dependent upon the specific fluid being conveyed and the length of time the fluid is in contact with the hose.*

**NORM:** ISO 1307 for dimensional tolerances



Refer to guidelines for cleaning and sanitizing on [TUDERTECHNICA.COM](http://TUDERTECHNICA.COM)

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). 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. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Not intended for use as an implant material. Not suitable for blood or human fluids.

### TUBE

TEFLON™ PTFE, co-extruded clear/white pigmented, smooth, phthalates free, tested in compliance with 1907/2006/CE (REACH). TEFLON™ PTFE is a polymer with excellent resistance to high temperature, mechanical stress and oxidation. It complies with FDA 21 CFR 177.1550; DM 21/03/1973 and subsequent amendments; USP class VI main requirements; ISO 10993 - 5:2009, 12:2006; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; REGULATION 1245/2020/CE; 3-A RPSCQC for (62-02) Hose Assemblies.

### REINFORCEMENT

Synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity

### COVER

Smooth, green, cloth finish. Abrasion, ageing and ozone resistant

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. Weight		Bending radius	
mm	in	mm	in	mt	ft	bar	psi	bar	psi	bar	psi	kg/mt	lbs/ft	mm	in
13	0,50	25	1,00	40	130	0,9	13	10	150	40	600	0,51	0,34	75	2,95
19	0,75	31	1,22	40	130	0,9	13	10	150	40	600	0,66	0,44	110	4,33
25	1,00	37	1,46	40	130	0,9	13	10	150	40	600	0,81	0,54	150	5,91
32	1,25	44	1,73	40	130	0,9	13	10	150	40	600	1,11	0,74	200	7,87
38	1,50	51	2,00	40	130	0,9	13	10	150	40	600	1,35	0,90	240	9,45
50	1,97	66	2,60	40	130	0,9	13	10	150	40	600	2,06	1,38	320	12,60

Data refer to ambient temperature (20°C). We reserve the right to supply in random lengths shorter than 40mt or 20mt.