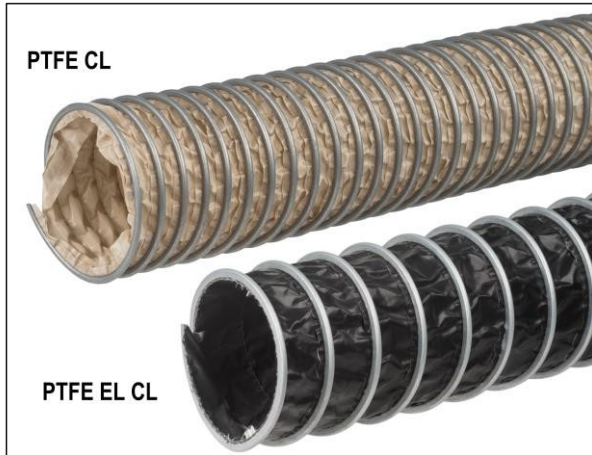


**Chemically resistant hoses**



**PTFE CL, PTFE EL CL**

**Teflon hose for extraction and transfer of highly aggressive chemical vapours and gases, also at elevated temperatures up to 250°C**

- Hose material:** PTFE CL version - light brown fabric Teflon (PTFE)-coated glass, 0.12 mm thick  
PTFE EL CL version - glass fabric coated with black conductive Teflon (PTFE), 0.15 mm thick
- Reinforcement:** CLIP type - external wire spiral and galvanised sheet steel, left-hand cut
- Operating temp:** -150°C÷ +250°C

Extremely lightweight, flexible and very flexible hose for the discharge of chemically aggressive vapours and gases in all areas of industry. Excellent chemical resistance, high temperature resistance. The hose is characterised by high compressibility, injury resistance due to the external spiral. Resistant to UV radiation, ozone, ageing, atmospheric conditions, flame retardant. Other diameters in the range 50 ÷ 508 mm and version with stainless steel spiral available. Hose assembly on couplings with bridge ties (left-handed). **PTFE version EL CL - electrically conductive hose with resistance R <10<sup>6</sup>Ω**, complies with ATEX directive 94/9/EC and TRBS 2153, made of black PTFE.



**Chemical resistance check:** PTFE chemical resistance table (pre-selection), confirmation of resistance and conditions of use by Tubes International.

index (standard)	index (EL version)	internal diameter [mm]	working pressure 23°C [bar]	vacuum 23°C [bar]	bend radius [mm]	approximate mass [kg/m]	standard length [m]
SC-PTFE-CL-050	SC-PTFE-EL-CL-050	50	0,85	0,32	30	0,4	3 or 6
SC-PTFE-CL-060	SC-PTFE-EL-CL-060	60	0,68	0,22	36	0,5	3 or 6
SC-PTFE-CL-063	\$	63	0,63	0,21	38	0,52	3 or 6
SC-PTFE-CL-065	\$	65	0,59	0,19	39	0,54	3 or 6
SC-PTFE-CL-076	SC-PTFE-EL-CL-076	76	0,47	0,14	45	0,6	3 or 6
SC-PTFE-CL-080	SC-PTFE-EL-CL-080	80	0,43	0,12	48	0,63	3 or 6
SC-PTFE-CL-083	\$	83	0,41	0,11	50	0,63	3 or 6
SC-PTFE-CL-090	SC-PTFE-EL-CL-090	90	0,37	0,1	54	0,64	3 or 6
SC-PTFE-CL-102	SC-PTFE-EL-CL-102	102	0,3	0,08	60	0,65	3 or 6
SC-PTFE-CL-110	\$	110	0,25	0,07	66	0,7	3 or 6
SC-PTFE-CL-112	SC-PTFE-EL-CL-112	112	0,24	0,07	67	0,71	3 or 6
SC-PTFE-CL-120	SC-PTFE-EL-CL-120	120	0,22	0,06	72	0,72	3 or 6
SC-PTFE-CL-127	SC-PTFE-EL-CL-127	127	0,21	0,05	75	0,8	3 or 6
SC-PTFE-CL-152	SC-PTFE-EL-CL-152	152	0,16	0,04	90	0,9	3 or 6
SC-PTFE-CL-160	SC-PTFE-EL-CL-160	160	0,14	0,03	96	0,94	3 or 6
SC-PTFE-CL-180	\$	180	0,12	0,02	108	1,05	3 or 6
SC-PTFE-CL-203	SC-PTFE-EL-CL-203	203	0,1	0,02	120	1,21	3 or 6
SC-PTFE-CL-220	\$	220	0,08	0,01	143	1,38	3 or 6
SC-PTFE-CL-225	\$	225	0,08	0,01	147	1,45	3 or 6
SC-PTFE-CL-254	SC-PTFE-EL-CL-254	254	0,07	0,01	175	1,7	3 or 6
SC-PTFE-CL-305	SC-PTFE-EL-CL-305	305	0,05	0,01	210	2,13	3 or 6
SC-PTFE-CL-350	\$	350	0,04	0,01	245	2,3	3 or 6
SC-PTFE-CL-356	\$	356	0,04	0,01	249	2,35	3 or 6
SC-PTFE-CL-406	\$	406	0,03	0,01	280	2,9	3 or 6
SC-PTFE-CL-407	SC-PTFE-EL-CL-407	407	0,03	0,01	280	2,9	3 or 6
SC-PTFE-CL-457	\$	457	0,02	0,01	320	3,5	3 or 6
SC-PTFE-CL-508	\$	508	0,02	0,01	400	3,9	3 or 6

\$ - available on special request