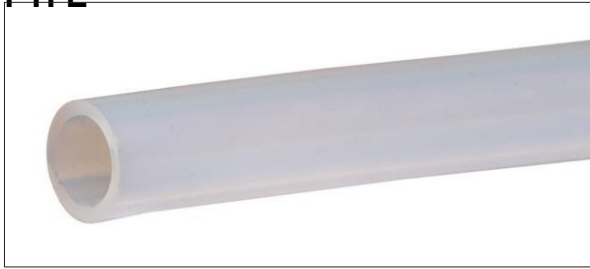


Smooth-walled hoses - PTFE



VERSILON™PTFE

Smooth-walled Teflon general purpose hose Hose

material: smooth PTFE (Teflon)

Shore (D) hardness: 58

Operating temperature: -200°C to +260°C
(working pressure dependent on temperature)

Lightweight, translucent smooth-bore PTFE hose with excellent chemical resistance. Suitable for low pressure installations of chemicals, paints, adhesives, liquid and gaseous fuels, oils, lubricants, air, gases, water, steam and water-based liquids. Used in all types of industry. Hose is not antistatic (does not dissipate electrical charges for non-conductive substances). Not recommended for pneumatic plug-in connections. Can also be used as a mechanical cable or tendon guide due to the low coefficient of friction and self-lubricating properties of Teflon. Flame-retardant (UL94 V-0) and with a high oxygen index (LOI). Safety factor n = 4:1. For operating temperatures above 20°C, the operating pressure drop must be taken into account according to the table:

Temperature dependence of burst pressure and working pressure (VE-CHEMPTFE-hose-...)	temperature	20°C	50°C	75°C	100°C	150°C	200°C	250°C
	pressure	100%	87%	77%	68%	53%	39%	28%

A VERSILON PTFE-F version for food substances and beverages compliant with FDA 21 CFR 177.1550 and EU 10/2011 is available on special request for use in the food and household appliance industry (minimum order quantities apply).

index	internal diameter [mm]	inside diameter tolerance ± [mm].	external diameter [mm]	wall thickness [mm]	wall thickness tolerance ± [mm].	working pressure 23°C [bar] (n=4)*	burst pressure 23°C [bar]	bend radius [mm]	weight [g/m]	standard length [m]
VE-CHEMPTFE-02X03	2	0,15	3	0,5	0,1	8,3	33	18	8,6	100
VE-CHEMPTFE-02X04	2	0,15	4	1	0,15	14	56	16	20,6	25
VE-CHEMPTFE-03X04	3	0,15	4	0,5	0,1	5,7	23	32	12,0	50
VE-CHEMPTFE-03X05	3	0,15	5	1	0,15	10,8	43	25	27,5	100
VE-CHEMPTFE-04X06	4	0,15	6	1	0,15	8,5	34	36	34,4	25
VE-CHEMPTFE-05X06	5	0,2	6	0,5	0,1	3,8	15	72	18,9	50
VE-CHEMPTFE-05X07	5	0,2	7	1	0,15	7,3	29	49	41,3	50
VE-CHEMPTFE-06X07	6	0,2	7	0,5	0,1	3,1	12,4	98	22,3	50
VE-CHEMPTFE-06X08	6	0,2	8	1	0,15	6,3	25	64	48,1	25
VE-CHEMPTFE-08X10	8	0,3	10	1	0,15	4,8	19	100	61,9	25
VE-CHEMPTFE-10X12	10	0,3	12	1	0,15	4,3	17	144	75,6	25
VE-CHEMPTFE-12X14	12	0,3	14	1	0,15	3,5	14	196	89,4	100
VE-CHEMPTFE-14X16	14	0,3	16	1	0,15	2,8	11	256	103,1	25
VE-CHEMPTFE-16X18	16	0,35	18	1	0,15	2,5	10	324	116,9	40
VE-CHEMPTFE-18X20	18	0,35	20	1	0,15	2,3	9	400	130,7	30

