

TYGON® and VERSILON™ chemical hoses



VERSILON™ SE-200

Hose with excellent resistance and chemical inertness

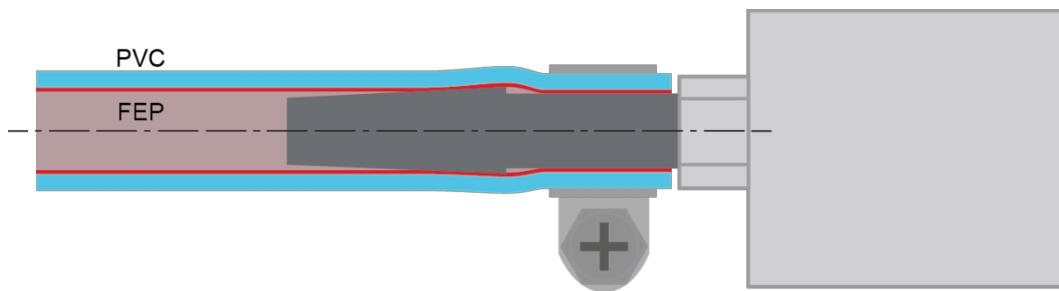
- Material:** FEP / Special PVC
- Max. operating temperature:** + 74°C
- Brittleness temp:** - 36°C
- Hardness:** 66° Shore (A)
- Density:** 1.21 g/cm³

Colourless, crystal-clear, flexible chemical hose with a multilayer construction with an inner layer of FEP fluoropolymer with unique resistance and chemical inertness. It is characterised by significantly greater flexibility than rigid hoses made entirely of Teflon or other fluoropolymers. The smooth inner layer, which is resistant and chemically inert, eliminates the risk of fluid contamination. Resistant to a wide range of chemicals from caustics to MEK-based solvents. The hose meets hygiene and food contact requirements: US FDA 21 CFR 177.1550, contains no phthalates or BPA (Bisphenol A), is non-toxic, and leaves no odour or taste. Ethylene oxide sterilisation. Used in a variety of industrial applications: flow of chemicals, pharmaceuticals, food beverages, production and packaging of paints, solvents and adhesives, for inks and toners, for photographic chemicals, fertilisers and pesticides, in semiconductor production. Full hose reel length 15 m.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C [bar].	Operating pressure* 71°C [bar].	bend radius [mm]
VE-T2003-23	1,6	3,2	0,8	6,89	3,1	12,7
VE-T2004-23	3,2	6,4	1,6	5,86	2,76	25,4
VE-T2006-23	4,8	8	1,6	5,17	2,62	38,1
VE-T2008-23	6,4	9,6	1,6	3,79	2,41	50,8
VE-T2012-33	9,6	14,3	2,4	3,45	1,72	88,9
VE-T2016-43	12,7	19	3,2	3,1	1,24	101,6
VE-T2024-43	19	25,4	3,2	2,07	0,83	114,3

* - working pressure determined in relation to burst pressure with a safety factor of 1:5

HOSE ASSEMBLY VERSILON™ SE-200



The VERSILON™ SE-200 hose is recommended to be installed on single notched ends having a sufficiently large smooth surface in front of the notch to allow the insertion of the hose clamp. The tail end of the end should have a slightly smaller diameter than the inside diameter of the hose to allow insertion. Do not clamp the clamp on the notches of the end or clamp too tightly, as this may damage the inner layer of the FEP fluoropolymer.