Chemical hoses TYGON® and VERSILON™



VERSILON™ SE-200

Hose with excellent chemical resistance and inertness

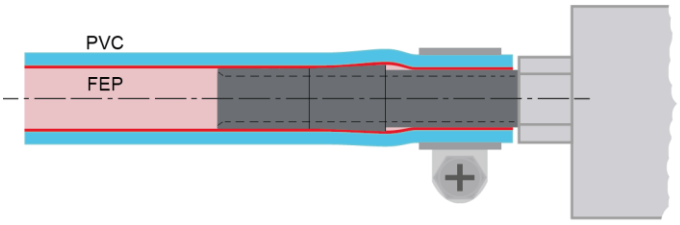
Material:	FEP / special PVC
Max. working temp.:	to +74°C
Brittleness temp.:	-36°C
Hardness:	66 Shore (A)
Density:	1.21 g/cm^3

Colourless, crystal-clear, flexible chemical hose of two-layer construction with an inner layer **of FEP fluoropolymer with unique chemical resistance and inertness**. Far more flexible than rigid hoses made entirely of PTFE or other fluoropolymers. The smooth, chemically resistant and inert inner layer eliminates the risk of fluid contamination. Resistant to a wide range of chemicals from corrosives to MEK-based solvents. Contains no phthalates or BPA (Bisphenol A). Ethylene oxide sterilisation. Used in various industrial applications: chemical flow, production and packaging of paints, solvents and adhesives, inks and toners, photographic chemicals, fertilisers and pesticides, semiconductor manufacturing. Compliant with REACH (2006/1907/EC) – contains no hazardous or prohibited substances. Pressure safety factor 5:1. Fit onto suitable hose tails and ends with a single barb using clamps, taking care not to damage the inner FEP layer (see figure below). We recommend that hose selection for chemical applications be made in consultation with Tubes International specialists.

index	*(index old)*	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	working pressure 23°C [bar]	pressure working 71°C [bar]	bending radius [mm]	weight [kg/m]	length full length [m]
VE-AJD00002	VE-T2003-23	1,6	3,2	0,8	6,89	3,1	12,7	0,007	15
VE-AJD00007	VE-T2004-23	3,2	6,4	1,6	5,86	2,76	25,4	0,029	15
VE-AJD00012	VE-T2006-23	4,8	8,0	1,6	5,17	2,62	38,1	0,039	15
VE-AJD00017	VE-T2008-23	6,4	9,6	1,6	3,79	2,41	50,8	0,049	15
VE-AJD00028	VE-T2012-33	9,6	14,3	2,4	3,45	1,72	88,9	0,107	15
VE-AJD00038	VE-T2016-43	12,7	19,0	3,2	3,1	1,24	101,6	0,190	15
VE-AJD00053	VE-T2024-43	19,0	25,4	3,2	2,07	0,83	114,3	0,270	15



HOSE ASSEMBLY VERSILON™ SE-200



Hose VERSILON™ SE-200 should be fitted onto ends with a single barb having a sufficiently large smooth surface before the barb to accommodate the hose clamp. The end of the tail should have a slightly smaller diameter than the hose inner diameter to allow insertion. Do not clamp on the barbs of the end or clamp too tightly, as this may damage the inner FEP fluoropolymer layer.