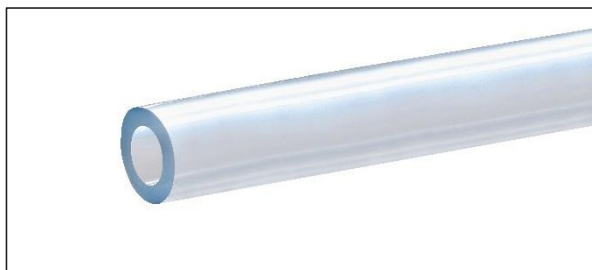


TYGON® and VERSILON™ universal hoses



VERSILON™ E-1000

Universal soft lab hose, also for peristaltic pumps

Material: PVC (special, DEHP-free)

Max. operating temperature: + 52°C

Brittleness temp: - 55°C

Hardness: 40° Shore (A)

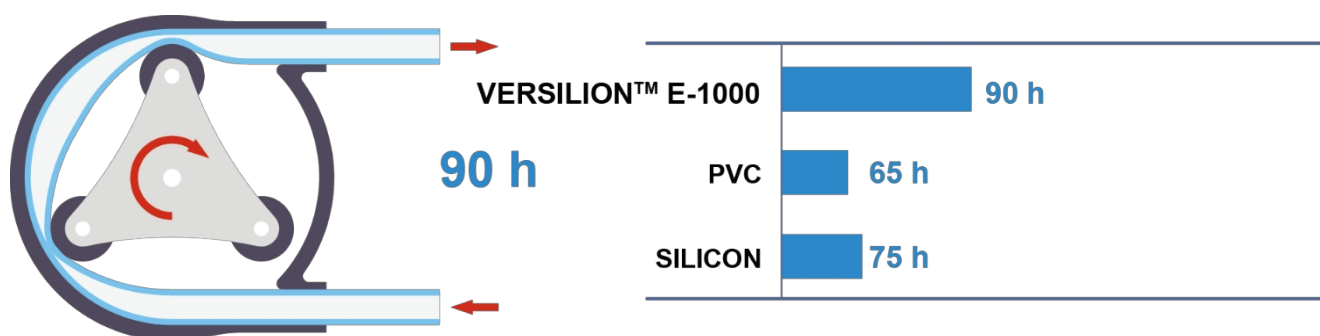
Density: 1.10 g/cm³

Clear, transparent, extremely soft and flexible universal phthalate-free (DEHP) laboratory hose. Ideal for complex laboratory equipment installations requiring small bend radii and multiple bends. This ultra-soft hose is resistant to twisting and kinking and remains flexible at low temperatures (down to - 55°C). Thanks to its softness, it does not require high forces to compress providing an ideal solution for low-torque or battery-powered peristaltic pumps. It has a longer service life in peristaltic pump operation than typical silicone hoses, while possessing good chemical resistance to a range of corrosive media (acids, bases, salts, alcohols). Compliant with FDA requirements for food contact and REACH. Sterilisation only with ethylene oxide. Length of full hose reel 15 m.

index	internal diameter [mm]	tolerance int. ± [mm]	external diameter [mm]	tolerance outer diameter ± [mm]	wall thickness [mm]	working pressure* 23°C [bar]	vacuum 23°C [mm Hg]	bend radius [mm]
VE-ADK00003	1,6	0,05	4,8	0,12	1,6	1,79	760	3,2
VE-ADK00007	3,2	0,12	6,4	0,12	1,6	1,1	760	9,5
VE-ADK00012	4,8	0,12	7,9	0,2	1,6	0,69	381	15,9
VE-ADK00017	6,4	0,12	9,5	0,2	1,6	0,55	178	25,4
VE-ADK00019	6,4	0,12	12,7	0,25	3,2	0,97	760	15,9
VE-ADK00022	8	0,2	11,2	0,2	1,6	0,48	127	34,9
VE-ADK00027	9,6	0,2	12,7	0,25	1,6	0,48	76	44,5
VE-ADK00029	9,6	0,2	15,9	0,25	3,2	0,76	381	28,6
VE-ADK00036	12,7	0,25	15,9	0,25	1,6	0,41	51	73
VE-ADK00038	12,7	0,25	19,1	0,25	3,2	0,55	178	44,5

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

HOSE LIFE IN THE PERISTALTIC PUMP



Service life in operating hours (h) until hose failure for different hose types. Hose 6.4 x 9.6 mm, standard 3 roller peristaltic pump, 600 rpm at 23°C, no back pressure. Indicative data.