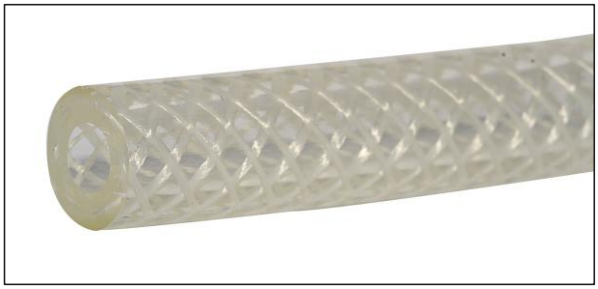
TPE, TEEE VERSILON™ universal and laboratory



VERSILON™ C-544-A IB

Universal pressure polyurethane hose with braid, resistant to oil and abrasion

Material: PU (Tygothane®)
Working temperature: from -73°C to +82°C
Brittleness temperature: -73°C
Hardness: 85 Shore (A)
Density: 1,12 g/cm^3

Colourless, semi-transparent, strong and flexible braid-reinforced hose for higher pressures. Made of polyether-polyurethane, free of plasticisers, exceptionally resistant to abrasion and tearing, with a small bend radius and flexibility even at low temperatures. Withstands cyclic temperature changes. Resistant to oils, greases and fuels and a range of chemicals. Used in many industries: conveying abrasive and viscous products, slurries and pastes, granules and powders, lubrication and degreasing, coolants in the automotive sector, air in pneumatics and industrial automation. Hose material compliant with FDA 21 CFR 177.1680 and FDA 21 CFR 177.2600. Compliant with REACH regulation 1907/2006/EU – contains no hazardous or prohibited substances. Pressure safety factor 4:1. Fitted onto hose tails and ends using clamps, bolt clamps and ferrules.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	working pressure 23°C / 82°C [bar]	vacuum 23°C / 82°C [mm Hg]	bending radius [mm]	weight [kg/m]	length full roll [m]
VE-AZY02008*	3,2	9,6	3,2	28,96 / 15,17	760 / 760	6,4	0,072	30
VE-AZY02019	6,4	12,7	3,2	18,96 / 10,34	760 / 760	19,1	0,106	30
VE-AZY02029	9,6	15,9	3,2	14,13 / 7,93	760 / 760	38,1	0,141	30
VE-AZY02038	12,7	19,1	3,2	13,44 / 7,58	760 / 760	50,8	0,179	30
VE-AZY02046*	15,9	22,3	3,2	12,07 / 7,24	760 / 635	76,2	0,215	30
VE-AZY02054*	19,0	27,0	4,0	10,34 / 6,89	760 / 635	88,9	0,324	30
VE-AZY02064*	25,5	35,1	4,8	8,27 / 5,52	760 / 381	120,7	0,511	30
VE-AZY00071*	31,8	44,6	6,4	6,55 / 4,48	760 / 508	152,4	0,860	15
VE-AZY00074*	38,1	50,9	6,4	5,52 / 3,45	760 / 381	190,5	1,002	15
VE-AZY00078	50,8	63,6	6,4	4,83 / 2,76	381 / 254	330,2	1,287	15

* - minimum order quantities apply for these sizes;



VERSILON™ SILVER

Universal antibacterial hose

Material: PVC (special)
Working temperature: to +74°C
Brittleness temperature: -35°C
Hardness: 69 Shore (A)
Density: 1.21 g/cm^3

Flexible, highly hygienic hose with an inner layer free of phthalates while inhibiting the growth of all kinds of microorganisms: bacteria, fungi and algae. A special polymer additive, AlphaSan® (a silver-based ion-exchange ceramic resin on zirconium phosphate), prevents the growth of microorganisms, mould and biofilm. Silver plays a major role as an inhibitor and is hygienically safe. The VERSILON™ SILVER hose is used in water treatment, ice machines, chemical flow and other industrial applications, preventing product contamination, biological corrosion and unpleasant odours. It meets FDA and NSF-51 requirements and does not discolour during use. Pressure safety factor 5:1. Fitting onto hose tails and ends with clamps.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	working pressure 23°C [bar]	vacuum 23°C [mm Hg]	bending radius [mm]	weight [kg/m]	length full roll [m]
VE-AS600007	3,2	6,4	1,6	4,48	760	12,7	0,029	15
VE-AS600012	4,8	8,0	1,6	3,45	760	19,1	0,039	15
VE-AS600017	6,4	9,6	1,6	2,76	760	19,1	0,049	15
VE-AS600027	9,6	12,7	1,6	2,07	635	38,1	0,066	15
VE-AS600038	12,7	19,1	3,2	2,62	760	44,5	0,193	15