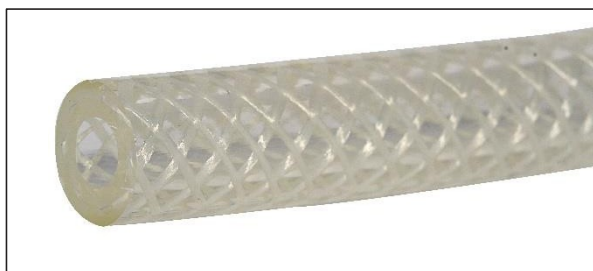


## TYGON® and VERSILON™ universal hoses



### VERSILON™ C-544A I.B.

**Universal braided polyurethane hose with oil and abrasion resistance**

<b>Material:</b>	PU (Tygothane® - polyurethane - polyether)
<b>Operating temp:</b>	-73°C to + 82°C
<b>Brittleness temp:</b>	- 73°C
<b>Hardness:</b>	85° Shore (A)
<b>Density:</b>	1.12 g/cm <sup>3</sup>

Colourless, translucent, strong and flexible braid-reinforced hose for higher pressures. Made of polyether - polyurethane, free of plasticisers, extremely abrasion and tear resistant, with a small bending radius and flexibility even at low temperatures. Withstands temperature cycling. Resistant to oils, greases and fuels and a range of chemicals. Used in a wide range of industries: for the transfer of abrasive and viscous products, slurries and pastes, the transfer of granules and powders, lubrication and degreasing, for coolants in the automotive industry, for air in pneumatics and industrial automation. For use in the food and cosmetics industry - complies with FDA 21 CFR 177.1680 and FDA 21 CFR 177.2600 for food contact and NSF-61 for use in drinking water (with hose length limitation depending on diameter). Full hose reel length 30 m (from 31.8 mm inner diameter - 15 m).

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C / 82°C [bar]	vacuum 23°C / 82°C [mm Hg]	bend radius [mm]
VE-AZY02008	3,2	9,6	3,2	28,96 / 15,17	760 / 760	6,4
VE-AZY02019	6,4	12,7	3,2	18,96 / 10,34	760 / 760	19,1
VE-AZY02029	9,6	15,9	3,2	14,13 / 7,93	760 / 760	38,1
VE-AZY02038	12,7	19,1	3,2	13,44 / 7,58	760 / 760	50,8
VE-AZY02046	15,9	22,3	3,2	12,07 / 7,24	760 / 635	76,2
VE-AZY02054	19	27	4	10,34 / 6,89	760 / 635	88,9
VE-AZY02064	25,5	35,1	4,8	8,27 / 5,52	760 / 381	120,7
VE-AZY00071	31,8	44,6	6,4	6,55 / 4,48	760 / 508	152,4
VE-AZY00074	38,1	50,9	6,4	5,52 / 3,45	760 / 381	190,5
VE-AZY00078	50,8	63,6	6,4	4,83 / 2,76	381 / 254	330,2

\* - working pressure determined in relation to burst pressure with a safety factor of 1:4

