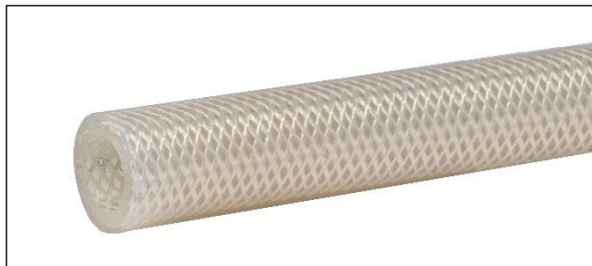


**TYGON hoses® pharmaceutical and biotechnology**
**TYGON® 3350 - table continued**

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C / 160°C [bar].	vacuum 23°C / 160°C [mm Hg].	bend radius [mm]
metric sizes						
VE-T330A-053	1	2	0,5	0,62 / 0,55	760 / 760	9,6
VE-T330A-103	1	3	1	1,52 / 1,45	760 / 760	6,4
VE-T330B-103	2	4	1	0,62 / 0,55	760 / 760	12,7
VE-T330C-103	3	5	1	0,62 / 0,55	508 / 381	9,6
VE-T330D-153	3	6	1,5	0,97 / 0,9	760 / 760	12,7
VE-T330E-203	3	7	2	1,1 / 0,97	760 / 760	12,7
VE-T330F-153	4	7	1,5	0,69 / 0,62	635 / 635	15,9
VE-T330G-203	4	8	2	0,76 / 0,69	635 / 635	12,7
VE-T330H-153	5	8	1,5	0,48 / 0,41	635 / 635	19,1
VE-T330I-153	6	9	1,5	0,41 / 0,34	381 / 381	22,2
VE-T330J-203	6	10	2	0,62 / 0,55	508 / 381	19,1
VE-T330K-303	6	12	3	0,83 / 0,76	760 / 760	19,1
VE-T330L-153	7	10	1,5	0,41 / 0,34	254 / 254	25,4
VE-T330M-153	8	11	1,5	0,48 / 0,41	127 / 127	31,8
VE-T330N-203	8	12	2	0,41 / 0,34	381 / 381	38,1
VE-T330O-303	8	14	3	0,69 / 0,62	635 / 635	25,4
VE-T330P-203	10	14	2	0,38 / 0,31	127 / 127	50,8
VE-T330Q-203	12	16	2	0,34 / 0,28	127 / 127	63,5
VE-T330R-303	15	21	3	0,41 / 0,34	127 / 127	63,5
VE-T330S-303	18	24	3	0,34 / 0,28	127 / 127	76,2
VE-T330T-353	20	27	3,5	0,28 / 0,21	25 / 25	76,2

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


**TYGON® 3370 I.B.**

**Ultra-smooth braided silicone hose for pharmaceutical and biotechnology applications**

**Material:** silicone (platinum)  
**Max. operating temp:** + 160°C  
**Brittleness temperature:** - 80°C  
**Hardness:** 70° Shore (A)  
**Density:** 1.18 g/cm<sup>3</sup>

Colourless, semi-transparent, braid-reinforced flexible silicone rubber hose vulcanised with platinum. Designed for higher pressures. Used in pharmaceutical, cosmetic, food, biotechnology, sterile filling lines, water treatment systems, vaccine production, bioreactors. It features an exceptionally smooth inner surface that prevents dirt from settling and adhering inside the hose and bacterial growth. This facilitates complete cleaning and sterilisation of the hose. The smooth inner layer also reduces resistance to flow through the hose. Low extractability, non-toxicity, non-haemolyticity and non-pyrogenicity ensure complete purity of fluids in sensitive applications. Minimal bioburden (bioburden). Meets US FDA hygiene requirements 21 CFR 177.2600, 3-A and USP Class VI. Steam sterilisation (30 min, 1 bar, 121°C), CIP and SIP cleaning of the system, ethylene oxide or radiation sterilisation (up to 5 Mrad) possible. Full hose reel length 15 m (from 31.8 mm inner diameter - 7.5 m).

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C / 160°C [bar].	vacuum 23°C / 160°C [mm Hg].	bend radius [mm]
VE-T1306-43	4,8	11,3	3,25	11,72 / 8,62	760 / 760	6,4
VE-T1308-43	6,4	13,2	3,4	10,34 / 7,24	760 / 760	12,7
VE-T1312-43	9,6	17,6	3,96	8,96 / 6,55	760 / 760	19,1
VE-T1316-63	12,7	21,5	4,4	8,62 / 6,21	760 / 760	31,8
VE-T1320-63	15,9	24,9	4,5	7,58 / 5,52	760 / 760	38,1
VE-T1324-63	19	29,2	5,08	6,89 / 5,17	760 / 760	57,2
VE-T1332-63	25,4	35,3	4,96	4,83 / 3,45	381 / 254	88,9
VE-T1340-63	31,8	41,6	4,9	3,79 / 2,76	254 / 127	146,1
VE-T1348-66	38,1	47,9	5	2,76 / 2,07	127 / 0	171,5
VE-T1364-86	50,8	61,8	5,5	1,38 / 0,83	0 / 0	222,3

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