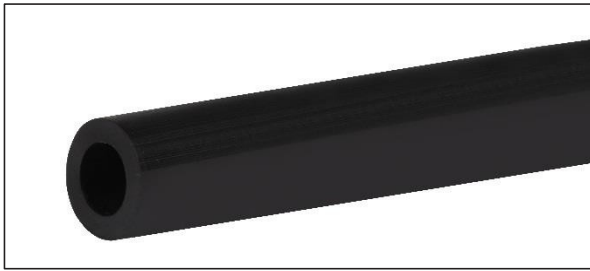


## TYGON® and VERSILON™ universal hoses



### TYGON® A-60-G

**Universal temperature-resistant hose for peristaltic pumps**

**Material:** TPE (Norprene® - thermoplastic elastomer)

**Max. operating temp:** + 135°C

**Brittleness temp:** - 60°C

**Hardness:** 61° Shore (A)

**Density:** 0.98 g/cm<sup>3</sup>

Black flexible universal hose with exceptional ageing, weathering and ozone resistance, with good chemical resistance. Temperature resistant over a wide temperature range from - 60°C to +135°C. Extremely flexible, elastic, with high fatigue resistance to deformation, abrasion resistant. Excellent for use in peristaltic pumps. Used for transfer and dosing in industry and services, e.g. for pouring soap and disinfectants, cleaning agents, caustic soda, etching and electroplating chemicals, in glass and glass washing systems, etc. The soft material of the hose (61° Shore-A) is very flexible and ensures an excellent service life of up to 1,000 hours in a peristaltic pump. The hose is an alternative to the traditional rubber compound hoses such as EPDM, chloroprene that are often used. It has good chemical resistance to a range of chemicals, especially acids and alkalis, oxidising agents such as oxidised water, sodium hypochlorite and ozone (300 ppm). Resistant to a range of animal and vegetable fats. Not recommended for hydrocarbons. Resistant to ageing and UV radiation. Has low permeability to gases compared to rubber hoses. Hose can be joined by welding. The VACUUM version with thick walls is designed for continuous vacuum operation and is resistant to cracking and ageing. Full hose reel length 15 m.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	Operating pressure* 23°C / 79°C [bar].	vacuum 23°C / 79°C [mm Hg].	bend radius [mm]
VE-R6002-23	1,6	4,8	1,6	2,34 / 1,45	760 / 760	6,4
VE-R6004-23	3,2	6,4	1,6	1,31 / 0,83	760 / 760	12,7
VE-R6004-43	3,2	9,6	3,2	2,34 / 1,45	760 / 760	12,7
VE-R6006-23	4,8	8	1,6	0,9 / 0,55	760 / 760	19,1
VE-R6006-33	4,8	9,6	2,4	1,31 / 0,83	760 / 760	12,7
VE-R6006-63**	4,8	14,4	4,8	2,34 / 1,45	760 / 760	6,4
VE-R6008-23	6,4	9,6	1,6	0,69 / 0,41	760 / 401	22,2
VE-R6008-33	6,4	11,2	2,4	1,03 / 0,62	760 / 760	19,1
VE-R6008-43	6,4	12,7	3,2	1,31 / 0,83	760 / 760	19,1
VE-R6008-63**	6,4	16	4,8	1,79 / 1,1	760 / 760	12,7
VE-R6010-23	8	11,2	1,6	0,55 / 0,34	513 / 256	31,8
VE-R6010-33	8	12,7	2,4	0,83 / 0,48	760 / 635	25,4
VE-R6010-83**	8	20,8	6,4	1,93 / 1,17	760 / 760	12,7
VE-R6012-23	9,6	12,7	1,6	0,48 / 0,28	358 / 178	34,9
VE-R6012-33	9,6	14,3	2,4	0,69 / 0,41	760 / 381	38,1
VE-R6012-43	9,6	15,9	3,2	0,9 / 0,55	760 / 704	28,6
VE-R6014-23	11,2	14,3	1,6	0,41 / 0,28	127 / 0	57,2
VE-R6016-23	12,7	15,9	1,6	0,41 / 0,21	381 / 0	76,2
VE-R6016-33	12,7	17,5	2,4	0,55 / 0,34	508 / 254	57,2
VE-R6016-43	12,7	19,1	3,2	0,69 / 0,41	752 / 396	28,6
VE-R6020-33	15,9	20,7	2,4	0,48 / 0,28	254 / 127	82,6
VE-R6020-43	15,9	22,3	3,2	0,55 / 0,34	508 / 251	69,9
VE-R6024-43	19	25,4	3,2	0,48 / 0,28	353 / 175	88,9
VE-R6032-43	25,4	31,8	3,2	0,41 / 0,21	127 / 127	127

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

