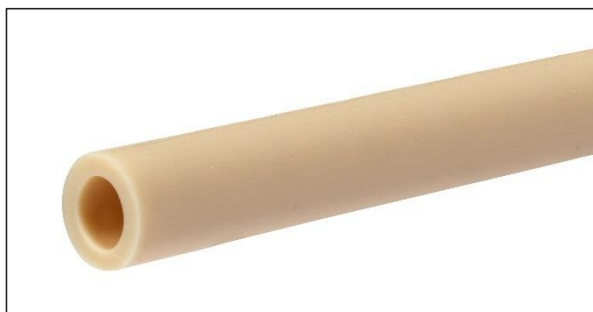


TYGON hoses® for food products

TYGON® A-60-C

Temperature-resistant, universal food hose for peristaltic pumps

Material: TPE (Norprene® - thermoplastic elastomer)

Max. operating temp: + 135°C

Brittleness temperature: - 60°C

Hardness: 61° Shore (A)

Density: 0.98 g/cm³

Cream-beige flexible hose free of odour and taste, non-toxic. Temperature resistant over a wide temperature range from - 60°C to +135°C. Extremely flexible, elastic, high fatigue resistance to deformation, abrasion resistant. Excellent for use in peristaltic pumps. Used for bottling and portioning cold and hot food products, for soaps, detergents and disinfectants, for paints and toners, pesticides and fertilisers and in laboratories. The hose's soft material (61° Shore-A) is highly flexible and provides an excellent service life of up to 1,000 hours in a peristaltic pump. The hose is an alternative to the PVC or silicone hoses 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. Resistant to a range of animal and vegetable fats. Not recommended for hydrocarbons. Resistant to ageing and UV radiation. Meets FDA requirements 21 CFR 177.2600 for food contact. Multiple autoclave steam sterilisation, in-plant CIP and SIP cleaning, ethylene oxide or radiation sterilisation possible. Full hose reel length 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-AZT00003	1,6	4,8	1,6	2,3 / 1,4	760 / 760	6,4
VE-AZT00007	3,2	6,4	1,6	1,3 / 0,8	760 / 760	12,7
VE-AZT00012	4,8	8	1,6	0,9 / 0,6	760 / 584	19,1
VE-AZT00017	6,4	9,6	1,6	0,7 / 0,4	660 / 330	31,8
VE-AZT00019	6,4	12,8	3,2	1,3 / 0,8	760 / 760	19,1
VE-AZT00022	8	11,2	1,6	0,6 / 0,3	432 / 203	38,1
VE-AZT00027	9,5	12,7	1,6	0,5 / 0,3	279 / 127	57,2
VE-AZT00029	9,5	15,9	3,2	0,9 / 0,6	760 / 584	31,8
VE-AZT00038	12,7	19,1	3,2	0,7 / 0,4	660 / 330	50,8
VE-AZT00046	15,9	22,3	3,2	0,6 / 0,3	432 / 203	82,6
VE-AZT00053	19	25,4	3,2	0,5 / 0,3	279 / 127	101,6
metric sizes						
VE-AZT00004	3	5	1	1,0 / 0,6	760 / 584	13
VE-AZT00008	4	6	1	0,8 / 0,5	660 / 330	19
VE-AZT00009	4	8	2	1,4 / 0,9	760 / 760	13
VE-AZT00010	6	10	2	1,0 / 0,6	760 / 610	19
VE-AZT00018	7	11	2	0,8 / 0,6	760 / 432	25
VE-AZT00023	8	12	2	0,8 / 0,5	660 / 330	32
VE-AZT00028	10	14	2	0,6 / 0,4	432 / 203	44

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

