



Silicone hoses for food and pharmaceutical applications



PHARMATECH

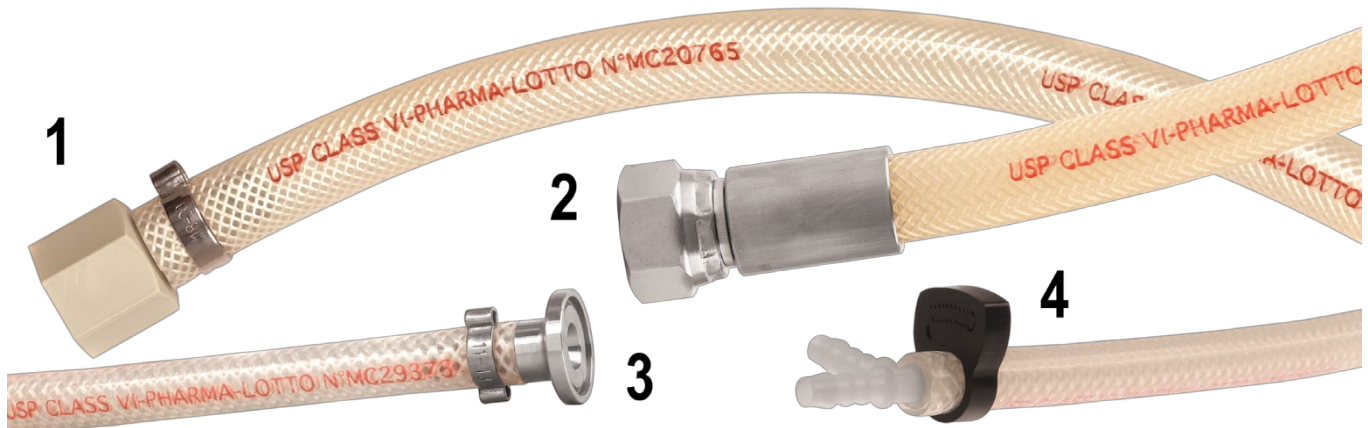
Platinum-vulcanised silicone pressure hose for food and pharmaceutical applications

Inner layer: Translucent silicone
Reinforcement: synthetic braid
Outer layer: translucent silicone
Operating temperature: -60°C to +180°C

High-quality silicone pressure hose vulcanised with platinum, designed for the transfer of high-purity fluids. **Widely used in the pharmaceutical, cosmetic, biotechnology and food industries.** The semi-transparent wall allows flow monitoring. The perfectly smooth mirror-like inner surface of the hose prevents product particles and bacterial growth and makes the hose easy to clean. Smooth mirror-like outer surface. Free of odour and taste. Contains no plasticisers. Manufactured in a *clean room environment*. Hose material (inner and outer layer) complies with FDA 21 CFR 177.2600, BfR XV and XXI, USP Class VI, European Pharmacopoeia 3.1.9, ISO 10993-4, -5. Hose in compliance with European directives 1935/2004/EC and 2023/2006/EC (GMP); tested with simulation fluids B and D1 (for hydrated, acidic and dairy products). Compliant with the RoHS Materials Directive 2011/65/EU and REACH Regulation 1907/2006/EU - contains no hazardous or prohibited substances. Sterilisation by steam at +135°C, alternatively by argon or cobalt. Pressure safety factor of 3:1.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	bend radius [mm]	mass [kg/m]	standard length [m]
MT-PHARMATECH-03	3,18	9,80	3,31	15	45	30	0,070	25
MT-PHARMATECH-05	4,72	11,35	3,32	15	45	35	0,106	25
MT-PHARMATECH-06	6,35	13,03	3,34	15	45	40	0,124	25
MT-PHARMATECH-08	7,93	14,61	3,34	12	36	45	0,147	25
MT-PHARMATECH-10	9,52	16,32	3,40	12	36	50	0,175	25
MT-PHARMATECH-13	12,70	20,10	3,70	10	30	65	0,237	25
MT-PHARMATECH-16	15,87	24,37	4,25	8	24	75	0,330	25
MT-PHARMATECH-19	19,05	27,91	4,43	8	24	80	0,415	25
MT-PHARMATECH-22	22,2	31,12	4,46	5	15	100	0,455	25
MT-PHARMATECH-25	25,40	34,50	4,55	5	15	120	0,513	10
MT-PHARMATECH-32	31,75	40,80	4,53	4	12	150	0,617	10

Notes: Internal diameter tolerance: ISO 1307; wall thickness tolerance: DIN 7715 T4 S2



1 - MT-PHARMATECH-13 with polypropylene tip (EM-3T150FG5112PP) mounted with EAR CLIP ring (AB-23012431) in AISI 304 stainless steel; 2 - MT-PHARMATECH-13 with hydraulic tip (TI-ZBW140-08-08-SS) in AISI 316 stainless steel mounted with TI-L-22-08-SS sleeve in AISI 304 stainless steel; 3 - MT-PHARMATECH-06 with special tip MINI TRICLOVER mounted with EAR CLIP-2 ring (AB-23012132) in AISI 304 stainless steel; 4 - MT-PHARMATECH-06 with tee connector made of acetal (NA-7600000006) mounted with a HERBIE CLIP toothed clamp made of polyamide (CL-HCL-013-015-PA).

