



## APPLICATION

- Silicone hose for suction and delivery of high purity products, foodstuff and fluids with alcohol content up to 96%.
- Reinforced version suitable for process applications requiring a tight bending radius and a high vacuum resistance.
- Normally used in food, pharmaceutical and cosmetic industries.
- High suction capacity.

## CONSTRUCTION

### TUBE

- Silicone rubber, translucent (code SILICONE-3362PT), food and pharmaceutical quality, odourless and tasteless, mirror smooth.

### REINFORCEMENTS

- High strength polyester plies.
- Embedded stainless steel helix wire AISI 302.

### COVER

- Silicone rubber, translucent (code SILICONE-3362PT), food and pharmaceutical quality, smooth with glossy finish.
- It does not generate any residuals in comparison with the traditional cloth finish. It may easily be cleaned with any detergent.

## STANDARDS

- US Pharmacopoeia Class VI, non-cytotoxic acc. to ISO 10993-Part 5.
- Compliance: 3A, FDA, BFR, E.P. 3.1.9. (European Pharmacopoeia).

## SAFETY FACTOR

- ≥ 3 times working pressure.

## MAIN BENEFITS

- Platinum-cured silicone hose with non-stick and hydrophobic properties.
- Excellent safety for aseptic environments and applications: utmost care is used starting from the choice of high-purity ingredients to the specific production and storing procedures.
- Pharma grade validation: the MTG Silik Way P design is tested in accordance with USP Class VI, EU Pharmacopoeia and FDA Standards.
- Made in Cleanroom ISO 14644-1 Class 8.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP). The MTG production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).

## TEMPERATURE RANGE

- From -60°C to +200°C.

## STERILIZATION

- Sterilization with steam up to +135°C at 3.5 bar for max. 90 minutes.
- Sterilization with hot air up to +200°C for max. 30 minutes.
- Sterilizations repeated at intervals of less than 1 hour may seriously affect the mechanical features of the hose.

## MARKING



## TECHNICAL SPECIFICATIONS

DIMENSIONAL TOLLERANCE: Inner Diameter - Outer Diameter - Length: ISO 1307

Internal diameter [mm]	Outer Diameter [mm]	Working Pressure* [bar]	Burst pressure [bar]	Vacuum [bar]	Min. Bending Radius [mm]	Approx. Weight [kg/m]	Max Length [m]
10	22	10	30	-0.9	50	0.38	30
13	25	10	30	-0.9	52	0.45	30
16	29	10	30	-0.9	60	0.53	30
19	32	10	30	-0.9	66	0.62	30
25	38	10	30	-0.9	86	0.75	30
32	45	10	30	-0.9	110	0.92	30
38	52	10	30	-0.9	130	1.25	30
51	65	10	30	-0.9	200	1.64	30
63.5	77.5	8	24	-0.9	250	2.40	20
76	90	8	24	-0.9	350	2.75	20
100	114	7	21	-0.9	500	3.62	20

\* At a temperature of +100°C the W.P. decreases by 20%.

Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data are based on application at room temperature (+20°C).

**Other sizes are available on request.**