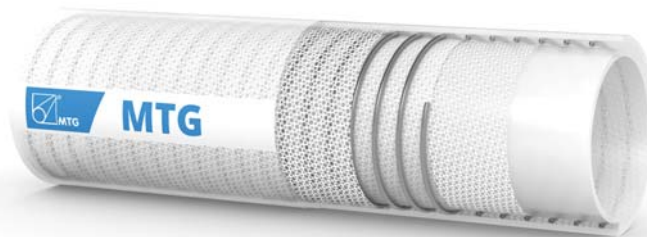


MANIFATTURA TUBI GOMMA S.p.A.

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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, smooth, glossy finish.

REINFORCEMENT

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

COVER

- Silicone rubber, translucent (code SILICONE-3362PT), food and pharmaceutical quality, odourless and tasteless, smooth with glossy finish.
- It may easily be cleaned with any mild 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), ISO 10993-4, -10, -11.

SAFETY FACTOR

- > 3 times working pressure.

MAIN BENEFITS

- Platinum-cured silicone hose with non-stick and hydrophobic properties.
- Safe solution for use in the aseptic environments and hygienic applications: utmost care is used starting from the choice of high-purity ingredients, production and storing procedures.
- Pharma grade validation: the MTG Clearway design is tested in accordance with USP Class VI, EU Pharmacopoeia and FDA Standards.
- 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).
- Plasticizers free hose.
- Nitrosamines free hose.

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

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: +1/-0.5mm - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
10	20	5.0	10	30	30	-0.9	0.31	30
13	23	5.0	10	30	40	-0.9	0.38	30
16	26	5.0	10	30	45	-0.9	0.45	30
19	29	5.0	10	30	55	-0.9	0.51	30
25	35	5.0	10	30	65	-0.9	0.72	30
32	42	5.0	10	30	95	-0.9	0.88	30
38	48	5.0	10	30	110	-0.9	1.04	30
50	60	5.0	10	30	150	-0.9	1.41	30
65	75	5.0	8	24	180	-0.9	1.98	20
75	87	6.0	7	21	240	-0.9	2.61	20
100	112	6.0	5	15	360	-0.9	3.55	20

 Other sizes and colours are available upon request. Please contact our Sales Department. The a.m. technical data are referring to application at room temperature (+20°C).
 A special version resistant to bending and twisting is available on demand.
