


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Silicone hose for suction of air mixed with high purity products.
- Suitable for process applications requiring a tight bending radius and easy handling.
- Normally used in pharmaceutical and cosmetic industries.

CONSTRUCTION

TUBE

- Translucent silicone rubber (code silicone PT3362), pharmaceutical and food quality, odourless and tasteless, mirror-smooth.

REINFORCEMENT

- High strength plies of synthetic cord.
- Embedded stainless steel helix wire AISI 302.

COVER

- Translucent silicone rubber (code silicone PT3362), odourless and tasteless, pharmaceutical and food quality.

STANDARDS

- US Pharmacopoeia Class VI, non-cytotoxic acc. to ISO 10993-Part 5.
- Compliance: 3-A Sanitary Standards n.18-03-Class I, FDA, BfR, E.P. 3.1.9. (European Pharmacopoeia).

MAIN BENEFITS

- Platinum-cured silicone hose with non-stick properties.
- Safe solution for use in the aseptic environments and sanitary applications: utmost care is used starting from the choice of high-purity ingredients, production and storing procedures.
- Pharma-grade validation: tested in accordance with USP Class VI and EU Pharmacopoeia.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates, nitrosamines, and materials subject to restrictions according to EC 1907/2006 (REACH).
- Non-plasticized hose.

TEMPERATURE RANGE

- From -60°C to +200°C.

STERILIZATION

- Open circuit sterilization with steam: +135°C.
- Sterilization with hot air: +200°C for max. 30 minutes.
- Sterilizations repeated more often than every hour may seriously affect the mechanical properties 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
25	30	2.5	-	-	50	-0.7	0.214	10
38	42	2.0	-	-	80	-0.7	0.317	10
50	56	3.0	-	-	125	-0.7	0.482	10
63.5	70.1	3.3	-	-	190	-0.7	0.708	10

 Other sizes and colours are available upon request. Please contact our Sales Department.
 Above technical data are referring to application at room temperature (+20°C).