


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- This hose has been designed for conveying pharmaceutical, food and cosmetic products. Suction and delivery hose.
- Excellent solution for conveying high purity fluids; it combines the benefits of a special antistatic PFA tube with the platinum-cured silicone structure.
- Produced with **MTGp™** technology (Manufacturing Tubing Green process).
- Hose suitable for the transport of NON-ABRASIVE powders.

CONSTRUCTION

TUBE

- PFA (Perfluoro Alcoxy, black PFA), fully fluorinated, black colour, antistatic ($R < 10^6$ Ohm), mirror-smooth.
- Complying with USP Class VI and FDA Standards.

REINFORCEMENT

- High strength plies of synthetic cord.
- Stainless steel helix wire.
- Braided stainless steel wire mesh.

COVER

- Translucent non-toxic platinum silicone (code 3362PT-SILICONE/CLEARWAY-PLATINUM), light colour, glossy finish (no cloth finish).
- It does not generate any residuals in comparison with the traditional cloth finish. It may easily be washed with cleaning products.
- Complying with USP Class VI, EU Pharmacopoeia and FDA Standards.

PATENTS

- E.P. 1450092.

SAFETY FACTOR

- ≥ 6 times working pressure.

MAIN BENEFITS

- 100% safe transport of the fluid: no risk of contamination.
- Antistatic tube.
- No use of additives or chemicals potentially dangerous for environment and human health.
- Marking made with food quality pigments.
- Traceability is ensured for the whole production process of the hose.
- 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 -30°C to $+150^{\circ}\text{C}$ depending on the fluids conveyed and on the kind of use.

STERILIZATION

- Sterilization with steam up to $+210^{\circ}\text{C}$, in an open circuit, for max 30 minutes.
- For other cleaning, disinfection and sterilization processes with steam, please contact our Sales Department.

FITTING

- It may be supplied with couplings lined with black conductive PFA (clamps, flanges, kamlocks etc.).

NOTE

- We suggest you to follow the instructions mentioned in the MTG "Use and maintenance guide for PFA/MFA hoses".

MARKING



TECHNICAL SPECIFICATIONS

 SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: $\pm 0.8\text{mm}$ - Length: ISO 1307

Inner Diameter mm	Working pressure BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm	Max. length m
19	10	60	-0.9	120	20
25	10	60	-0.9	150	20
32	10	60	-0.9	200	20
38	10	60	-0.9	250	20
51	10	60	-0.9	300	20

 Above technical data refer to application at room temperature ($+20^{\circ}\text{C}$).
 Other sizes are available upon request. Please contact our Sales Department.

Cod. IT-M00161

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 Rev: 000