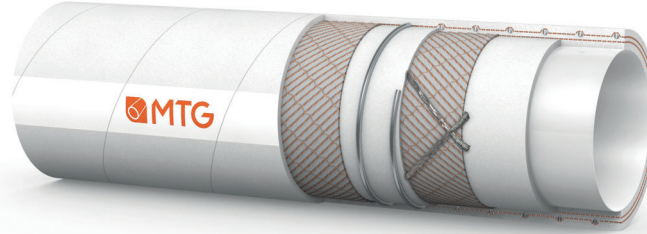


MANIFATTURA TUBI GOMMA S.p.A.

Grisignano di Zocco, 36040 (VI) ITALY
T. +39 0444.614755 | info@mtgspa.com
www.mtgspa.com



APPLICATION

- Multipurpose hose, specifically designed for conveying chemical, pharmaceutical, cosmetic and food products in pharma-cosmetic, biotech and food industries.
- Excellent solution for processing industries requiring utmost safety during transport of high purity products.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- PFA liner (Perfluoralkoxy), light colour, fully fluorinated, mirror-smooth.
- Compliance: USP Class VI, FDA Standards, D.M. 21/03/73 and following amendments, Regulation (EU) n. 10/2011.
- Absolute and long-term resistance to heat, cracking under stress and bending.

REINFORCEMENT

- High strength plies of synthetic cord and embedded steel helix wire.
- Two copper wires.

COVER

- EPDM rubber (code 140BI), light colour, smooth, food quality, abrasion, ozone and weather resistant, cloth finish.
- Compliance acc. to FDA Standards.

NOTE

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

MAIN BENEFITS

- It provides an excellent resistance to extreme temperatures and a good resistance to mechanical stress.
- The cover prevents any potential risk of contamination of the working environments.
- 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 -50°C to +170°C depending on the fluids conveyed. The a.m. temperature range has to be considered as a rough indication referring to most chemicals; however it does not include the most aggressive product combinations and conditions of use. For specific applications please contact our Technical Department.
- Sterilization up to +130°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 4 times working pressure.

PATENTS

- E.P. 14500092.

MARKING



TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: DIN 7715 T4 S2 - 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 |
|-------------------|-------------------|-------------------|----------------------|--------------------|------------------------|------------|---------------------|---------------|
| 13 | 25 | 6.0 | 10 | 40 | 60 | -0.9 | 0.55 | 20 |
| 19 | 31 | 6.0 | 10 | 40 | 90 | -0.9 | 0.72 | 30 |
| 25 | 37 | 6.0 | 10 | 40 | 140 | -0.9 | 0.89 | 30 |
| 32 | 45 | 6.5 | 10 | 40 | 200 | -0.9 | 1.20 | 30 |
| 38 | 51 | 6.5 | 10 | 40 | 250 | -0.9 | 1.47 | 30 |
| 51 | 65.5 | 7.25 | 10 | 40 | 300 | -0.9 | 2.08 | 30 |
| 51 | 67 | 8.0 | 10 | 40 | 300 | -0.9 | 2.20 | 30 |
| 63.5 | 79.5 | 8.0 | 10 | 40 | 380 | -0.9 | 3.00 | 20 |
| 76 | 92 | 8.0 | 10 | 40 | 500 | -0.9 | 3.48 | 20 |
| 100 | 116 | 8.0 | 10 | 40 | 550 | -0.9 | 4.90 | 20 |

Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data refer to application at room temperature (+20°C). Other sizes and colours are available upon request. Please contact our Sales Department. MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."