



MANIFATTURA TUBI GOMMA S.p.A.
 Grisignano di Zocco, 36040 (VI) ITALY
 T. +39 0444.614755 | info@mtgspa.com
 www.mtgspa.com



APPLICATION

- Suction hose for air mixed with powders.
- Hose with steel helix wire, utmost see-through.
- Normally used in the pharmaceutical and food industry.

CONSTRUCTION

TUBE

- Technopolymer (code 3G26AU), see-through, odourless and tasteless, mirror-smooth.
- Abrasion loss: < 36 mm³ according to DIN 53516.

REINFORCEMENT

- Stainless steel helix wire AISI 302.

COVER

- Technopolymer (code 3G26AU), see-through, odourless and tasteless, smooth, glossy finish.
- Resistant to abrasion and ozone.

STANDARDS

- Tube and cover: USP Class VI, Regulation EU n. 10/2011, FDA, D.M. 21/03/73 and following amendments, ISO 10993-4, -10, -11, non-cytotoxic according to ISO 10993-Part 5.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).
- Only for hose assemblies: test of electrical continuity between the couplings ($R < 10^2 \Omega$) according to EN 8031.

MAIN BENEFITS

- The inner surface of the hose, smooth and compact, makes easy the flow of the products conveyed and the cleaning operations. Excellent resistance to abrasion.
- See-through construction for easy visual inspection of the media conveyed.
- Light and easy to handle.
- Hose in accordance with the Regulations EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG productive cycle does not employ phthalates, plasticizers, animal derived ingredients, and nitrosamines, thus reducing the risk of bacterial growth and contamination of the product conveyed.
- Non-plasticized hose.

TEMPERATURE RANGE

- From -10°C to +85°C.
- Cleaning with water (up to +100°C without pressure) mixed with a normal mild cleaning detergent

SAFETY FACTOR

- ≥ 3 times working pressure.

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 |
|-------------------|-------------------|-------------------|----------------------|--------------------|------------------------|------------|---------------------|---------------|
| 25 | 33 | 4.0 | 1 | 3 | 150 | -0.9 | 0.36 | 20 |
| 38 | 46 | 4.0 | 1 | 3 | 230 | -0.9 | 0.52 | 20 |
| 50 | 58.5 | 4.25 | 1 | 3 | 300 | -0.9 | 0.95 | 10 |
| 63.5 | 72 | 4.25 | 1 | 3 | 400 | -0.9 | 1.20 | 10 |
| 76 | 85 | 4.5 | 1 | 3 | 490 | -0.8 | 1.59 | 10 |
| 100 | 112 | 6.0 | 1 | 3 | 700 | -0.8 | 2.42 | 10 |

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

