


**MANIFATTURA TUBI GOMMA S.p.A.**

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## APPLICATION

- Suction and delivery hose, specifically designed for conveying air mixed with powders.
- Normally used in the pharmaceutical and food industry.

## CONSTRUCTION

### TUBE

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

### REINFORCEMENT

- High strength plies of synthetic cord.
- 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	6	18	150	-0.9	0.38	20
38	46	4.0	6	18	230	-0.9	0.54	20
50	58.5	4.25	5	15	300	-0.9	0.98	20
63.5	72	4.25	4	12	400	-0.9	1.24	10
76	85	4.5	4	12	490	-0.8	1.63	10
100	112	6.0	3	9	700	-0.8	2.48	10

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

