

MANIFATTURA TUBI GOMMA S.p.A.

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



APPLICATION

- Food hose of latest generation, specifically designed to meet the demanding requirements of the beer processing industry.
- It is suitable for conveying high quality raw, pasteurized and organic beer, alcoholic beverages, soft drinks and wine.
- Delivery and slight suction hose.

CONSTRUCTION

TUBE

- BIIR rubber (code 90FDA), light colour, food grade, odourless and tasteless, mirror smooth.
- It complies with FDA Standards, 3-A Sanitary Standards n.18-03-Class II, D.M. 21/03/73 and following amendments.
- Validation by the institute "Technische Universität München WEIHENSTEPHAN".

REINFORCEMENT

- Plies of synthetic cord.

COVER

- CR rubber, red colour, resistant to abrasion, ozone and weather, smooth, cloth finish.

MARKING



MAIN BENEFITS

- The special structure is free from plasticizers, phthalates and animal derived ingredients, thus reducing the risk of bacterial growth and contamination of the product conveyed.
- The very strong structure makes it perfect for loading and unloading operations in breweries.
- The composition of the cover ensures utmost resistance to aging.
- 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).

SAFETY FACTOR

- ≥ 3 times working pressure.

TEMPERATURE RANGE

- From -40°C to +120°C.

STERILIZATION

- Sterilization up to +130°C for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

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 | Vacuum BAR | Min. bending radius mm | Approx. weight kg/m | Max. length m |
|-------------------|-------------------|-------------------|----------------------|--------------------|------------|------------------------|---------------------|---------------|
| 13 | 23 | 5 | 16 | 48 | -0.6 | 80 | 0.37 | 40 |
| 19 | 29 | 5 | 16 | 48 | -0.6 | 120 | 0.48 | 40 |
| 25 | 37 | 6 | 16 | 48 | -0.6 | 150 | 0.74 | 40 |
| 32 | 48 | 8 | 16 | 48 | -0.6 | 200 | 1.38 | 40 |
| 38 | 56 | 9 | 16 | 48 | -0.6 | 240 | 1.85 | 40 |
| 40 | 60 | 10 | 16 | 48 | -0.6 | 240 | 2.10 | 40 |
| 50 | 70 | 10 | 16 | 48 | -0.6 | 300 | 2.75 | 40 |
| 51 | 71 | 10 | 16 | 48 | -0.6 | 300 | 2.80 | 40 |
| 63.5 | 87.5 | 12 | 16 | 48 | -0.5 | 400 | 3.90 | 40 |
| 65 | 89 | 12 | 16 | 48 | -0.5 | 400 | 4.00 | 40 |
| 75 | 105 | 15 | 16 | 48 | -0.4 | 450 | 5.70 | 40 |
| 76 | 106 | 15 | 16 | 48 | -0.4 | 450 | 5.75 | 40 |
| 80 | 110 | 15 | 16 | 48 | -0.4 | 500 | 5.90 | 40 |
| 100 | 130 | 15 | 16 | 48 | -0.4 | 600 | 6.95 | 40 |
| 102 | 132 | 15 | 16 | 48 | -0.4 | 600 | 7.00 | 40 |

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



Cod. IT-B00038

UPDATED: 03/19
Rev: 001