

**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.
- Suction and delivery hose.

## CONSTRUCTION

### TUBE

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

### REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.

### COVER

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

## SAFETY FACTOR

- ≥ 3 times working pressure.

## 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 special reinforced structure makes the hose strong and resistant, even for heavy-duty applications.
- 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).

## 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.

## 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	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
19	32	6.5	15	45	-0.9	95	0.67	40
25	38	6.5	15	45	-0.9	125	0.85	40
32	46	7.0	15	45	-0.9	160	1.20	40
38	52	7.0	15	45	-0.9	190	1.50	40
50	65	7.5	15	45	-0.9	300	1.90	40
65	84	9.5	15	45	-0.9	450	3.25	40
75	95	10.0	15	45	-0.9	530	3.85	40
100	121	10.5	15	45	-0.9	700	5.60	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).

