

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Food hose of latest generation, specifically designed to meet the demanding requirements of the beer processing industry.
- Suction and delivery hose.
- Suitable for conveying raw, pasteurized and organic beer, high quality alcoholic beverages and soft drinks such as wine, spirits and pure alcohol up to 98%.
- Also suitable for fatty liquid foodstuffs.

CONSTRUCTION

TUBE

- Modified polyethylene, light colour, odourless and tasteless, mirror-smooth.
- Complying with FDA Standards, Regulation EU 10/2011, D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire.
- Built-in copper wires on request (UNIFOOD/SD/PERM-PROOF/BLUE-cr).

COVER

- Synthetic rubber, blue colour, smooth, cloth finish.
- Resistant to abrasion, weather and short contact with edible oils and fatty foodstuffs.

MAIN BENEFITS

- The improved chemical composition of the new tube, made of odourless and tasteless modified polyethylene, ensures contamination-free transport of the product conveyed, thus preserving the original organoleptic properties.
- The special modified polyethylene tube ensures utmost resistance to heavy-duty cleaning processes, including the use of chemicals and high temperatures.
- The reinforced structure makes the hose strong and resistant to heavy-duty applications.
- The hose complies with the Regulations 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 according to the current European Regulation EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -35°C to +110°C, depending on the fluid conveyed.
- Sterilization up to +140°C for max. 30 minutes.

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	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
13	26	6.5	15	45	-0.9	80	0.55	20
19	32	6.5	15	45	-0.9	115	0.70	20
25	38	6.5	15	45	-0.9	150	0.95	20
32	45	6.5	15	45	-0.9	210	1.15	20
38	52	7.0	15	45	-0.9	250	1.49	20
51	67	8.0	15	45	-0.9	400	2.24	20
63.5	82	9.25	15	45	-0.9	520	3.10	20
76	95	9.5	15	45	-0.9	600	3.78	20

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