

MANIFATTURA TUBI GOMMA S.p.A.

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



APPLICATION

- Rubber hose specifically designed for conveying high quality alcoholic beverages.
- Especially suitable for liquids with a high alcohol content such as liqueurs, grappa, whisky, brandy, vodka and any kind of spirits.
- It is suitable for conveying alcohol with a concentration up to 98%.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- UPE (Ultra high molecular weight polyethylene), odourless and tasteless, light colour, mirror smooth.
- Food compliance in accordance with FDA Standards, D.M. 21/03/73 and following amendments, Reg. EU 10/2011.

REINFORCEMENT

- Plies of synthetic cord.
- Embedded steel helix wire and built-in copper wires.

COVER

- Synthetic rubber, resistant to abrasion, weatherproof, light colour, smooth, cloth finish.
- Food compliance according to FDA Standards, D.M. 21/03/73 and following amendments.

SAFETY FACTOR

- ≥ 3 times working pressure.

NOTE

- The hose may also be supplied with coloured cover (blue, red, yellow, etc.), not suitable for contact with foodstuff.

MAIN BENEFITS

- This is the perfect hose for use in distilleries and for processing beverages with a high alcohol content.
- The composition of the inner tube, odourless, tasteless and free from plasticizers, allows contamination-free transport of the fluid preserving its original organoleptic properties.
- 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 $+90^{\circ}\text{C}$, depending on the fluids conveyed.
- Sterilization up to $+130^{\circ}\text{C}$ for max. 30 minutes.

FITTING

- By means of clamps, collars, crimping or other systems needed by the equipment manufacturers.
- We suggest you to use fittings with a stem free from sharp edges, in order to avoid affecting the inner tube.

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	30	5.5	10	30	-0.9	90	0.60	40
25	36	5.5	10	30	-0.9	110	0.73	40
32	43	5.5	10	30	-0.9	150	0.90	40
38	51	6.5	10	30	-0.9	180	1.25	40
50	64	7.0	10	30	-0.9	220	1.75	40
63.5	78.5	7.5	10	30	-0.9	300	2.37	40
75	91	8.0	10	30	-0.9	400	3.10	40
100	118	9.0	10	30	-0.9	600	4.95	40

Other sizes and colours are available upon request. Please contact our Sales Department.
Above technical data refer to application at room temperature ($+20^{\circ}\text{C}$).



Cod. IT-M00042

UPDATED: 04/18
Rev: 003