



## MANIFATTURA TUBI GOMMA S.p.A.

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## APPLICATION

- High quality rubber hose, perfect for handling beverages such as wine, fruit juice, beer, drinking water.
- Also suitable for milk and milk products.
- Delivery hose.

## CONSTRUCTION

### TUBE

- EPDM rubber (code 140BI), light colour, odourless and tasteless, mirror-smooth.
- Compliance: FDA Standards, 3A, D.M. 21/03/73 and following amendments, BfR recommendations (Cat. II).

### REINFORCEMENT

- Plies of synthetic cord.

### COVER

- Synthetic rubber, blue colour, smooth, abrasion and weather resistant, cloth finish.

## SAFETY FACTOR

- $\geq 3$  times working pressure.

## MAIN BENEFITS

- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- Perfect solution for applications requiring an excellent temperature resistance.
- ALICHEM provides a high resistance to chemical cleaning and disinfection products used in food sanitation processes.
- 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  $-40^{\circ}\text{C}$  to  $+120^{\circ}\text{C}$ .

## STERILIZATION

- Sterilization up to  $+140^{\circ}\text{C}$  for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

## MARKING


**ALICHEM**


## 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	31	6.0	15	45	-0.5	120	0.57	40
25	37	6.0	15	45	-0.5	150	0.71	40
32	48	8.0	15	45	-0.5	250	1.16	40
40	60	10.0	15	45	-0.4	290	1.81	40
50	70	10.0	15	45	-0.4	400	2.18	40
63.5	87.5	12.0	15	45	-0.4	520	3.30	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature ( $+20^{\circ}\text{C}$ ). MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason.


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