

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Beverage hose of latest generation, suitable for conveying a wide range of liquid foodstuffs such as wine, fruit juice, tomato juice, beer, drinking water and soft drinks.
- Suction and delivery hose.

CONSTRUCTION

TUBE

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

REINFORCEMENT

- Heat resistant plies of synthetic cord.
- Embedded steel helix wire.

COVER

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

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Due to the heat resistant structure, the hose HOT-ALICHEM/SPL/10-BLUE is the perfect solution for high temperature applications and long lasting sterilizations.
- The composition of the inner liner makes it highly resistant to acids and bases with medium concentration.
- HOT-ALICHEM/SPL/10-BLUE 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°C to $+120^{\circ}\text{C}$.

STERILIZATION

- Sterilization up to $+150^{\circ}\text{C}$ for max. 30 minutes.
- In case of long lasting sterilizations we suggest to use the model with vulcanized couplings at the ends.

MARKING

 **HOT 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
13	25	6.0	10	30	-0.9	70	0.48	40
16	28	6.0	10	30	-0.9	80	0.55	40
19	31	6.0	10	30	-0.9	100	0.62	40
25	37	6.0	10	30	-0.9	140	0.80	40
32	44	6.0	10	30	-0.9	180	0.96	40
38	51	6.5	10	30	-0.9	230	1.37	40
50	66	8.0	10	30	-0.9	290	1.80	40
65	81	8.0	10	30	-0.9	390	2.65	40
75	91	8.0	10	30	-0.9	450	3.10	40
100	118	9.0	10	30	-0.9	600	4.80	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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