

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Rubber hose of latest generation for tank trucks, designed to meet the operators' requirements of utmost flexibility and food safety.
- The improved lightweight structure facilitates repeated operations by hand especially in loading/unloading areas.
- The ingredients and rubber compounds are well-chosen and make it a safe and healthy item for contact with milk and milk products.
- "MTG Evolution" maintains the original properties of the milk, from farm to factory, due to its high-quality construction.
- Suitable for conveying milk and other liquid foodstuffs (wine, fruit juice).

CONSTRUCTION

TUBE

- NR/NBR rubber (code 198SL), white colour, odourless, tasteless, mirror-smooth.
- It complies with FDA Standards, BfR Recommendations (cat. 2), D.M. 21/03/73 and following amendments.
- RAL registration for food quality.

REINFORCEMENT

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

COVER

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

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Free from phthalates, plasticizers and animal derived ingredients: high-tech hose suitable for contact with foodstuff.
- No risk of cross-contamination: the strict production process does not allow the use of products potentially harmful to health (risk classification R45, R46 or R49).
- High flexibility, even at low temperature: utmost flexible, with the advantage of not containing plasticizers in comparison with plastic hoses.
- Good resistance to chemical cleaning products: it withstands commercial cleaning and disinfection processes, both inside and outside.
- 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 -30°C to +85°C depending on the fluids conveyed.
- Sterilization up to +120°C for max. 30 minutes.
- For washing operations you should use non-oxidizing products.

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
25	36	5.5	6	18	-0.9	75	0.75	40
32	43	5.5	6	18	-0.9	100	0.95	40
38	49	5.5	6	18	-0.9	115	1.13	40
40	51	5.5	6	18	-0.9	120	1.18	40
45	56	5.5	6	18	-0.9	135	1.31	40
50	61	5.5	6	18	-0.9	150	1.44	40
52	64	6.0	6	18	-0.9	160	1.60	40
53	65	6.0	6	18	-0.9	160	1.63	40
60	72	6.0	6	18	-0.9	180	1.85	40
63.5	75.5	6.0	6	18	-0.9	190	1.94	40
70	83	6.5	6	18	-0.9	210	2.30	40
76	90	7.0	6	18	-0.9	230	2.59	40
80	94	7.0	6	18	-0.9	240	2.70	40
100	116	8.0	6	18	-0.9	300	4.00	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).



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