

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Rubber hose specifically designed to convey milk and milk products, milk whey and fatty foodstuffs in general.
- Normally used in dairies, edible oil mills and food processing industries.
- Delivery hose. Suitable for light suction.

CONSTRUCTION

TUBE

- NBR rubber (code NAB 90), light colour, food quality, odourless and tasteless, mirror-smooth.
- Compliance. FDA Standards, 3-A Sanitary Standards n.18-03-Class II, BfR Recommendations (XXI Cat. 2), D.M. 21/03/73 and following amendments.

REINFORCEMENT

- Plies of synthetic cord.

COVER

- CR rubber, blue colour, abrasion and weather resistant, smooth, cloth finish.
- Good resistance to ageing and short contact with animal and vegetable fats.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

MAIN BENEFITS

- The high-strength structure makes it perfect for unloading operations of milk and milk products, as well as for heavy-duty applications.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle does not employ animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized hose.

TEMPERATURE RANGE

- From -20°C to +90°C depending on the product conveyed and on use.

STERILIZATION

- Please refer to MTG Cleaning and Sterilization guidelines.

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	23	5	10	30	-0.60	80	0.35	40
19	29	5	10	30	-0.60	120	0.47	40
25	37	6	10	30	-0.60	150	0.77	40
32	48	8	10	30	-0.60	200	1.42	40
35	53	9	10	30	-0.60	210	1.77	40
38	56	9	10	30	-0.60	230	1.93	40
40	60	10	10	30	-0.60	240	2.40	40
45	65	10	10	30	-0.60	270	2.69	40
50	70	10	10	30	-0.50	300	2.79	40
52	74	11	10	30	-0.50	310	3.19	40
60	84	12	10	30	-0.50	420	3.89	40
65	89	12	10	30	-0.50	460	4.16	40
70	98	14	10	30	-0.40	500	5.35	40
75	105	15	10	30	-0.40	530	5.95	40
80	110	15	10	30	-0.40	560	6.18	40
100	132	16	10	30	-0.40	700	8.16	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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