

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Perfect solution for conveying fatty and fat-free powdery foodstuff such as sugar, wheat, milk powder, flour etc., as well as fluids like alcohol, cosmetic products and other flammable products for the food and chemical industry.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- NBR rubber (code NBR P 190), light colour, food quality, odourless and tasteless, mirror-smooth, antistatic ($R < 10^9 \Omega/m$).
- Compliance: FDA Standards.

REINFORCEMENT

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

COVER

- Synthetic rubber, blue colour, resistant to abrasion, weather and ageing, smooth, cloth finish, antistatic ($R < 10^9 \Omega/m$).

NOTE

- Version with black conductive cover $R < 10^6 \Omega/m$.
- Softwall version, our model Air-Food Antistatic D15.

MAIN BENEFITS

- It may be used in ATEX zones 0.1.2 and 20.21.22.
- Especially suitable for applications with a small bending radius, with the advantage of providing a handy and highly flexible structure.
- The tube is resistant to chemical cleaning products and to the most common disinfection processes used in the food industry.
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized inner tube.

CERTIFICATIONS

- Hose approved by the Institute Ineris for use in ATEX areas, attestation nr. INERIS-DRA-20-200870-02408A.

TEMPERATURE RANGE

- From -20°C to $+90^{\circ}\text{C}$.
- Sterilization up to $+130^{\circ}\text{C}$ for max. 30 minutes.

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
19	30	5.5	10	30	-0.9	50	0.60	40
25	36	5.5	10	30	-0.9	75	0.74	40
32	43	5.5	10	30	-0.9	80	0.90	40
38	50	6.0	10	30	-0.9	110	1.20	40
40	52	6.0	10	30	-0.9	120	1.25	40
45	57	6.0	10	30	-0.9	130	1.50	40
50	62	6.0	10	30	-0.9	150	1.55	40
65	78	6.5	10	30	-0.9	190	2.20	40
75	89	7.0	10	30	-0.9	220	2.55	40
100	115	7.5	10	30	-0.9	500	4.25	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. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."

