

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Multipurpose hose for suction and delivery of a wide range of chemical, alcoholic and food products.
- Normally installed on tank trucks, unloading platforms, chemical laboratories, stationary and mobile systems in food and chemical industries.

CONSTRUCTION

TUBE

- UPE (Ultra High Molecular Weight Polyethylene), light colour, mirror-smooth.
- Compliance: FDA Standards, D.M. 21/03/73 and following amendments, Regulation EU n. 10/2011.

REINFORCEMENT

- High strength plies of synthetic cord.
- Embedded steel helix wire.
- Built-in copper wires.

COVER

- EPDM rubber, black colour, antistatic ($R < 10^6 \Omega$), resistant to abrasion, ozone and weather, smooth, cloth finish.

MAIN BENEFITS

- The inner tube of the hose POLYSPIR/UPE-BN is suitable for conveying alcohol with a concentration up to 98%.
- It complies with the Reg. 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 according to Reg. EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -35°C to +100°C.
- Resistant to steam up to +130°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 4 times working pressure.

MARKING



TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: Inner diameter: 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	24	5.5	10	40	-0.90	80	0.45	40
19	31	6.0	10	40	-0.90	115	0.65	40
25	37	6.0	10	40	-0.90	150	0.82	40
32	44	6.0	10	40	-0.90	190	0.98	40
35	47	6.0	10	40	-0.90	210	1.05	40
38	51	6.5	10	40	-0.90	230	1.25	40
40	53	6.5	10	40	-0.90	240	1.30	40
50	64	7.0	10	40	-0.90	300	1.84	40
50	66	8.0	10	40	-0.90	300	2.00	40
63.5	79.5	8.0	10	40	-0.90	390	2.55	40
70	86	8.0	10	40	-0.90	420	2.70	40
75	91	8.0	10	40	-0.90	480	3.00	40
80	96	8.0	10	40	-0.90	480	3.15	40
100	118	9.0	10	40	-0.90	600	4.90	40
102	120	9.0	10	40	-0.90	600	4.92	40

Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data refer to application at room temperature (+20°C). Other sizes and colours are available upon request. Please contact our Sales Department.