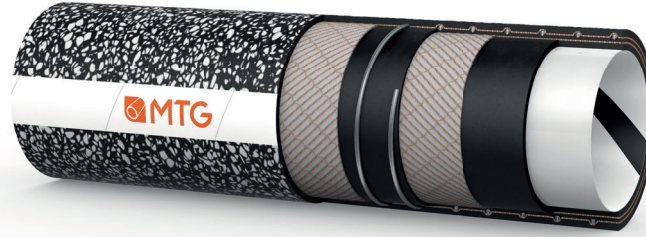


**MANIFATTURA TUBI GOMMA s.p.a.**

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## APPLICATION

- Multipurpose suction and delivery hose for conveying a wide range of chemicals and food products.

## CONSTRUCTION

### TUBE

- UPE (Ultra High Molecular Weight Polyethylene), light colour, smooth, with black antistatic ( $R \leq 10^6 \Omega$ ) helical UPE stripe.
- 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 on request.

### COVER

- Marble finish, black and white colour, patented, antistatic ( $R \leq 10^6 \Omega$ ), smooth, resistant to abrasion, ozone and weather.
- Compliance: FDA Standards for food application.

## STANDARDS

- Execution in accordance with EN 12115:2011.

## SAFETY FACTOR

- $\geq 4$  times working pressure up to ID 75 mm.
- $\geq 3$  times working pressure over ID 75 mm.

## PATENT

- E.P. 1580475.

## MAIN BENEFITS

- The marble finish, totally smooth and easily washable with most common cleaning products, withstands incidental contact even with aggressive chemicals conveyed in the hose.
- The special cover with a low coefficient of friction does not stain the contact surfaces; odourless and tasteless, it is suitable for application in pharma and food industries and generally in productions requiring the use of inert, contamination-free materials.
- 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

- In accordance with EN 12115:2011.
- Resistant to steam up to  $+130^\circ\text{C}$  for max. 30 minutes.

## ELECTRICAL PROPERTIES

- Electrical resistance through the hose wall:  $R < 10^9 \Omega$ .
- Identification symbol:
  - $\Omega/T$  for version without copper wires;
  - $M/T$  for version with copper wires.

## MARKING

- Embossed tape according to EN 12115:2011, lengthwise.



## TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: Inner diameter: EN 12115 - Outer diameter: EN 12115 - 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	31	6.0	16	64	-0.90	125	0.65	40
25	37	6.0	16	64	-0.90	150	0.75	40
32	44	6.0	16	64	-0.90	175	1.00	40
38	51	6.5	16	64	-0.90	225	1.30	40
50	66	8.0	16	64	-0.90	275	2.10	40
51	67	8.0	16	64	-0.90	275	2.15	40
63.5	79.5	8.0	16	64	-0.90	300	2.60	40
75	91	8.0	16	64	-0.90	350	3.10	40
76	92	8.0	16	48	-0.90	350	3.15	40
100	118	9.0	16	48	-0.90	450	4.90	40
102	120	9.0	16	48	-0.90	450	5.00	40

 Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data are based on application at room temperature ( $+20^\circ\text{C}$ ). Other sizes are available on request.