


**MANIFATTURA TUBI GOMMA S.p.A.**

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## APPLICATION

- Multipurpose delivery hose for conveying a wide range of aggressive chemicals.
- Engineered to ensure dissipation of electrostatic charges not only on the surface, but also through the hose wall (Electrical resistance:  $R < 10^9 \Omega$ ).

## CONSTRUCTION

### TUBE

- UPE (Ultra High Molecular Weight Polyethylene), antistatic ( $R < 10^6 \Omega$ ), black, smooth.

### REINFORCEMENT

- High strength plies of synthetic cord.
- Copper wires on request.

### COVER

- EPDM rubber (code 104N), black, antistatic ( $R < 10^6 \Omega$ ), resistant to abrasion, ozone and weather, smooth, cloth finish.

## STANDARDS

- Execution in accordance with EN 12115:2011.

## TEMPERATURE RANGE

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

## SAFETY FACTOR

- $\geq 4$  times working pressure.

## 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
13	23	5.0	16	64	-0.50	90	0.35	40
19	31	6.0	16	64	-0.50	125	0.55	40
25	37	6.0	16	64	-0.40	150	0.70	40
32	44	6.0	16	64	-0.40	175	0.85	40
38	51	6.5	16	64	-0.40	225	1.00	40
50	66	8.0	16	64	-0.30	275	1.70	40
51	67	8.0	16	64	-0.30	275	1.75	40
63.5	79.5	8.0	16	64	---	300	2.10	40
75	91	8.0	16	64	---	350*	2.50	40
76	92	8.0	16	64	---	350*	2.55	40
100	116	8.0	16	64	---	450*	3.20	40
102	118	8.0	16	64	---	450*	3.30	40

 (\*) The bending radius can be reached at a pressure of  $\geq 1$  bar.

 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.

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