

MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Delivery hose suitable for hydrocarbons with an aromatic content up to 50%.
- Excellent for use on tank trucks, rail tanks and processing plants in the oil industry.
- Suitable for conveying petrol, diesel, biodiesel blends including B100 and fuels based on ethanol.

CONSTRUCTION

TUBE

- NBR1 rubber (code UNI E), black colour, antistatic ($R < 10^6 \Omega$), smooth.

REINFORCEMENT

- High strength plies of synthetic cord.
- Built-in copper wires upon request.

COVER

- NBR rubber (code 5600 DIN), black colour, antistatic ($R < 10^6 \Omega$), smooth, cloth finish.
- Resistant to abrasion, ozone, weather, fats and mineral oils.

STANDARDS

- Execution in accordance with EN 12115:2011.

TEMPERATURE RANGE

- In accordance with EN 12115:2011.

SAFETY FACTOR

- ≥ 4 times working pressure.

ELECTRICAL PROPERTIES

- Electrical resistance through the hose wall: $R < 10^9 \Omega$.
- Identification symbol:
 - Ω/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	-0.5	90	0.45	40
19	31	6.0	16	64	-0.5	125	0.65	40
25	37	6.0	16	64	-0.4	150	0.75	40
32	44	6.0	16	64	-0.4	175	0.90	40
38	51	6.5	16	64	-0.4	225	1.10	40
50	66	8.0	16	64	-0.3	275	1.80	40
63.5	79.5	8.0	16	64	---	300*	2.20	40
75	91	8.0	16	64	---	350*	3.00	40
100	116	8.0	16	64	---	450*	3.90	40

(*) Bending radius to be reached at a pressure of ≥ 1 bar. 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.