


MANIFATTURA TUBI GOMMA S.p.A.

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APPLICATION

- Multipurpose suction and delivery hose for conveying a wide range of chemicals.
- Specifically developed to ensure dissipation of electrostatic charges not only on the surface, but also through the hose wall: electrical resistance through the hose wall: $R < 10^9$ Ohm.

CONSTRUCTION

TUBE

- UPE (Ultra High Molecular Weight Polyethylene), marble finish, patented, antistatic ($R < 10^6 \Omega$), black and white, 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.
- Copper wires on request.

COVER

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

STANDARDS

- Execution complying with EN 12115: 2011 and EN 50014/IEC 60079-0.

ELECTRICAL PROPERTIES

- Identification symbol:
 - Ω/T for version without copper wires;
 - M/T for version with copper wires.

MAIN BENEFITS

- The marble finish with a low coefficient of friction facilitates transport of the product conveyed; also it allows a good resistance of the inner surface to contact with chemicals. It may easily be washed with the usual cleaning processes.

TEMPERATURE RANGE

- In accordance with EN 12115:2011.
- Resistance to steam up to +130°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 4 times working pressure up to ID 76 mm.
- ≥ 3 times working pressure over ID 76 mm.

PATENTS

- E.P. 1580475.
- US P. 7,389,799.

MARKING

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


HOSE TESTED FOR USE IN ATEX ZONES
 ATTESTATION NUMBER INERIS-DRA-20-200870-02408A

CERTIFICATIONS

- Hose approved by the Institute Ineris for use in Atex areas, attestation nr. INERIS-DRA-20-200870-02408A available up to DN 3".

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: EN 12115 - O.D.: 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	-0.9	125	0.65	40
25	37	6.0	16	64	-0.9	150	0.80	40
32	44	6.0	16	64	-0.9	175	1.00	40
38	51	6.5	16	64	-0.9	225	1.30	40
50	66	8.0	16	64	-0.9	275	2.15	40
51	67	8.0	16	64	-0.9	275	2.20	40
63.5	79.5	8.0	16	64	-0.9	300	2.60	40
75	91	8.0	16	64	-0.8	350	3.15	40
76	92	8.0	16	64	-0.8	350	3.20	40
100	118	9.0	16	48	-0.8	450	4.90	40
102	120	9.0	16	48	-0.8	450	5.00	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.



Cod. IT-M00083

 UPDATED: 09/22
 Rev: 005