MANIPHARM/SD-ANTISTATIC

EN ISO 9001:2015
No. : Q-3353-24
EN ISO 45001:2018
No. : 20152240011742
EN ISO 14001:2015
No. : 20051240011741

MANIFATTURA TUBI GOMMA S.p.A.
Grisignano di Zocco, 36040 (VI) ITALY
T. +39 0444.614755 | info@mtgspa.com
www.mtgspa.com



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 ≤ 10^6 Ω) 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 nish, black and white colour, patented, antistatic (R ≤ 10^6 Ω), smooth, resistant to abrasion, ozone and weather.
- Compliance: FDA Standards for food application.

STANDARDS

- Execution in accordance with EN 12115:2011.

SAFETY FACTOR

- ≥ 4 times working pressure up to ID 75 mm.
- ≥ 3 times working pressure over ID 75 mm.

PATENT

- E.P. 1580475.

MAIN BENEFITS

- The marble nish, 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 coe fficient 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°C for max. 30 minutes.

ELECTRICAL PROPERTIES

- Electrical resistance through the hose wall: R < 10^9 Ω.
- Identi cation symbol:
  - Ω/T for version without copper wires;
  - M/T for version with copper wires.

MARKING

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

MTG MANIPHARM UPE FDA DM EU MADE IN ITALY

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°C). Other sizes are available on request.

FDA FOOD QUALITY | DM 21/03/73 | EU 10/2011 | PATENTED E.P. 1580475

Cod. IT-M00080
UPDATED: 04/18
Rev: 002