



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



APPLICATION

- ALL-MARBLE versatile design: it efficiently combines food suitability and electrostatic dissipation in suction and discharge service.

CONSTRUCTION

TUBE

- UPE (Ultra High Molecular Weight Polyethylene), food approved, MARBLE finish, black/white, smooth, antistatic. Patented version EP 1580475 B1.
- Abrasion loss $\leq 10 \text{ mm}^3$ according to DIN 53516.

REINFORCEMENT

- Plies of high strength synthetic cord.
- Embedded steel helix wire.
- Copper wires upon on demand.

COVER

- UPE (Ultra High Molecular Weight Polyethylene), food approved, MARBLE finish, black/white, smooth, antistatic. Patented version EP 1580475 B1.
- Abrasion loss $\leq 10 \text{ mm}^3$ according to DIN 53516.

MAIN BENEFITS

- The special marble in-liner stands out against competition: it guarantees the electrostatic dissipation ALL OVER the surface in accordance with the safety parameters of the Ex-zones.
- The special marble model ensures the dissipation of electrostatic currents not only superficially but also through the hose wall.
- The tubing conforms to FDA food standards.
- The marble finish allows a low-friction rate during product transferring.

TEMPERATURE RANGE

- 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.

MARKING

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

MANICHEM UPE ALL MARBLE
E.PATENT 1580475 (U.S. 7,389,729)

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	188	0.60	40
25	37	6.0	16	64	-0.9	225	0.75	40
32	44	6.0	16	64	-0.9	262	1.00	40
38	51	6.5	16	64	-0.9	338	1.30	40
50	66	8.0	16	64	-0.9	412	2.00	40
63.5	79.5	8.0	16	64	-0.9	450	2.70	40
75	91	8.0	16	48	-0.8	525	3.00	40
100	118	9.0	16	48	-0.8	675	4.90	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-M00087

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 Rev: 001