



MANIFATTURA TUBI GOMMA S.p.A.

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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 12115:2021.

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 12115:2021, lengthwise.

MTG MANICHEM UPE ALL MARBLE

EPATENT 1580475
U.S. 7,989,729

FDA

DM

EU

MADE IN ITALY

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.

MTG reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason.