# MANICHEM/SD/ALL MARBLE

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

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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 ≤ 10 mm3 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 ≤ 10 mm3 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 E.PATENT 1580475 U.S. 7,389,799 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.

FDA FOOD QUALITY

PATENTED E.P. 1580475

**Cod. IT-M00087**

**UPDATED:** 10/24
**Rev:** 001