



APPLICATION

- Universal suction and delivery hose for conveying a wide range of aggressive chemicals.
- Execution in accordance with EN 12115:2011.
- Engineered to ensure dissipation of electrostatic currents not only on the surface, but also through the hose wall (Electrical resistance: $R < 10^9 \Omega$).

MAIN BENEFITS

- Flexible antistatic hose
- For a wide range of applications
- Handles a wide variety of chemicals
- Economical in comparison with fluoropolymers

CONSTRUCTION

TUBE

- UPE (Ultra High Molecular Weight Polyethylene), antistatic ($R < 10^6 \Omega$), black, smooth.

REINFORCEMENT

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

COVER

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

ELECTRICAL PROPERTIES

- Electrical resistance through the hose wall: $R < 10^9 \Omega \cdot m$.
- Identification symbol:
 - Ω/T for version without copper wires;
 - M/T for version with copper wires.

TEMPERATURE RANGE

- From -35°C up to $+100^\circ \text{C}$ (depending on conveyed media).
- Resistance to steam up to $+130^\circ \text{C}$ for max. 30 minutes.

INTERNAL DIAMETER [mm]	WALL THICKNESS [mm]	WORKING PRESSURE [bar]	VACUUM [bar]	BENDING RADIUS [mm]	THEORETICAL WEIGHT [kg/m]	MAX. LENGTH [m]
19	6.0	16	-0.9	125	0.60	40
25	6.0	16	-0.9	150	0.80	40
32	6.0	16	-0.9	175	1.00	40
38	6.5	16	-0.9	225	1.30	40
51	8.0	16	-0.9	275	2.00	40
63.5	8.0	16	-0.9	300	2.70	40
76	8.0	16	-0.8	350	3.00	40
100	9.0	16	-0.8	450	4.90	40

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

Above technical data are based on application at room temperature ($+20^\circ \text{C}$).

