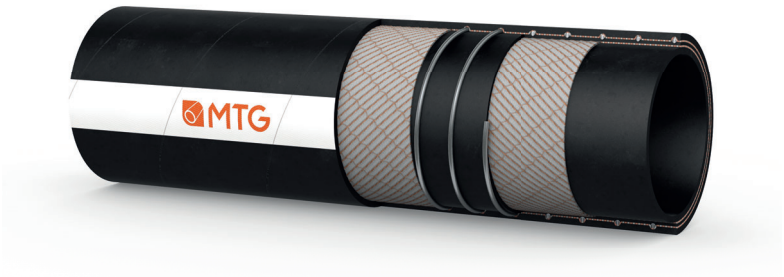
MANICHEM/SD-EPM

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

- Suction and delivery hose for conveying chemicals with high concentration.

CONSTRUCTION

TUBE

- EPM rubber (code 660N), antistatic (R < 10^6 Ω), black colour, smooth, free from nitrosamines.

REINFORCEMENT

- High strength plies of synthetic cord.
- Embedded steel helix wire.
- Built-in copper wires on request.

COVER

- EPDM rubber (code 104N), black, antistatic (R < 10^6 Ω), resistant to abrasion, ozone and weather, smooth, cloth finish.

STANDARDS

- Execution 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.

MAIN BENEFITS

- EPM (ethylene-propylene) is a synthetic rubber similar to EPDM, but with a better performance.
- EPM provides higher resistance to oxidizing acids.
- EPM provides a better chemical resistance to high temperatures: when conveying acetone, alcohol, ester and acids, it is more resistant to the fluids thanks to its impermeable inner tube and compact structure.
- EPM offers better compression set values, thus making the assembly with fittings safer for chemical applications.

TEMPERATURE RANGE

- In accordance with EN 12115:2021.
- Resistant to steam up to +130°C for max. 30 minutes.

ELECTRICAL PROPERTIES

- Identification symbol:
  - Ω/T for version without copper wires;
  - M/T for version with copper wires.

MARKING

- Embossed tape according to EN 12115:2021, lengthwise.

MTG MANICHEM EPM 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	0.70	40
25	37	6.0	16	64	-0.90	150	0.80	40
32	44	6.0	16	64	-0.90	175	1.00	40
38	51	6.5	16	64	-0.90	225	1.26	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	-0.80	350	3.05	40
76	92	8.0	16	48	-0.80	350	3.10	40
100	118	9.0	16	48	-0.80	450	4.95	40
102	120	9.0	16	48	-0.80	450	5.00	40

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.
Above technical data are referring to application at room temperature (+20°C). Other sizes and colours are available upon request.
Please contact our Sales Department.

Cod. IT-M00104

UPDATED: 12/24
Rev: 002