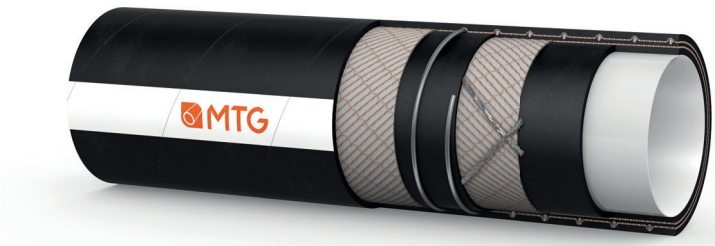
MANIFLON/SD-FEP

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

- Universal suction and delivery hose for conveying alcohols, acids, alkaline products, polar and non polar solvents and other aggressive chemicals.
- The chemical inertness and the high degree of impermeability of its FEP liner make it suitable for conveying a wide range of aggressive chemicals.
- Execution in accordance with regulation EN 12115:2021.

CONSTRUCTION

TUBE

- FEP (Fluorinated Ethilene Propylene) liner, light colour,smooth.
- Compliance: 3A Sanitary standards n.20-27, FDA Standards, USP Class VI and Regulation EU n. 10/2011.

REINFORCEMENT

- Synthetic textile plies.
- Embedded steel helix wire and two copper wires are built in.

COVER

- Synthetic rubber, black colour, antistatic ($R < 10^6$ Ω), smooth, resistant to abrasion and weather, cloth finish.

CERTIFICATIONS

- Hose approved by the Institute Ineris for use in Atex areas, attestation nr. IDE-229936-2803516-v2.0.

MAIN BENEFITS

- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).

TEMPERATURE RANGE

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

SAFETY FACTOR

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

ELECTRICAL PROPERTIES

- Identification symbol: M.
- Model without copper wires available upon request; identification symbol: Ω.

MARKING

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

MTG MANIFLON FEP 3A USP CLASS VI FDA DM 21/03/73 EU 10/2011 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
13	25	6.0	16	64	-0.9	90	0.58	30
19	31	6.0	16	64	-0.9	125	0.75	30
25	37	6.0	16	64	-0.9	150	0.94	30
32	44	6.0	16	64	-0.9	175	1.10	30
38	51	6.5	16	64	-0.9	225	1.50	30
51	67	8.0	16	64	-0.9	275	2.40	30
63.5	79.5	8.0	16	64	-0.9	300	2.95	20
76	92	8.0	16	48	-0.9	350	3.60	20

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

3A SANITARY STANDARD · USP CLASS VI PHARMACOPOEIA · FDA FOOD QUALITY · EU 10/2011

Cod. IT-M00264
DATED: 06/24
Rev: 001