MTG STEAM

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APPLICATION

- Food quality rubber hose, specifically designed for cleaning operations with saturated steam (up to +164°C) and hot water washdown services.
- Normally used in dairy industries, creameries and food processing facilities for safe operations during cleaning processes with hot water and steam.
- Suitable for transfer of saturated steam only for discontinuous use.
- Delivery hose.

CONSTRUCTION

TUBE
- EPDM rubber (Code 140 BI), light colour, mirror-smooth.
- Complying with FDA standards, D.M. 21/03/73 and following amendments.

REINFORCEMENT
- Plies of synthetic cord.

COVER
- EPDM rubber, blue colour, smooth, abrasion and weather resistant, cloth finish. Resistant to traces of animal and vegetable fats. Pin pricked cover.

SAFETY FACTOR

- Working pressure at +95°C: 20 bar; Safety factor ≥ 3 *.
- Working pressure at +164°C: 6 bar; Safety factor ≥ 10 *.

*Test performed in accordance with ISO 1402.

MAIN BENEFITS

- The inner liner, specifically designed for conveying hot water and steam (up to +164°C), allows safe cleaning and disinfection processes.
- The cover provides good heat resistance and withstands short contact with animal and vegetable fats.
- 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

- From -40°C to +164°C depending on the product conveyed and on use.

FITTING

- The hose may be supplied in application lengths, assembled with any kind of couplings (CLAMP, DIN 11851, etc.).

NOTE

- Version complying with BfR standards available upon request (reference: Vapore/6-BBL).

MARKING



TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: DIN 7715 T4 S2 - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure at +164°C BAR	Working pressure at +95°C BAR	Vacuum BAR	Min. bending radius mm	Approx. weight kg/m	Max. length m
10	20	5	6	20	-	75	0.27	40
13	23	5	6	20	-	100	0.32	40
16	28	6	6	20	-	120	0.48	40
19	31	6	6	20	-	160	0.54	40
25	39	7	6	20	-	200	0.82	40
32	46	7	6	20	-	260	1.04	40
38	54	8	6	20	-	300	1.40	40
50	67	8.5	6	20	-	380	1.76	40

Other sizes and colours are available upon request. Please contact our Sales Department. Above technical data refer to application at room temperature (+20°C). 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. The selection of fittings for our hoses should be made in accordance with the recommendations provided in ISO 8331: "Rubber and plastics hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."

FDA FOOD QUALITY
DM 21/03/73

Cod. IT-M00022
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