MTG CLEARWAY/HD-Platinum

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

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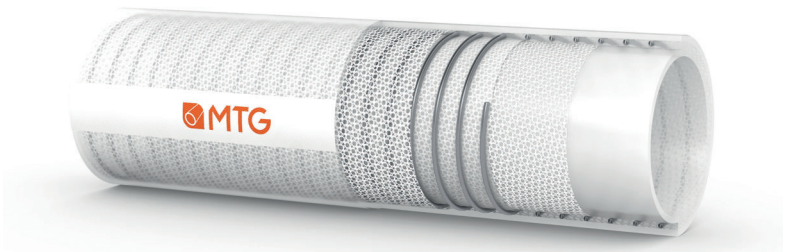

NEW UPDATE

APPLICATION

- Silicone hose for suction and delivery of high purity products, foodstuff and fluids with alcohol content up to 96%.
- Reinforced version suitable for process applications requiring a tight bending radius and a high vacuum resistance.
- Normally used in food, pharmaceutical and cosmetic industries.
- Resistant to suction.

CONSTRUCTION

TUBE
- Silicone rubber, translucent (code 3362PT), food and pharmaceutical quality, odourless and tasteless, smooth, glossy finish.

REINFORCEMENT
- High strength synthetic plies.
- Embedded stainless steel helix wire.

COVER
- Silicone rubber, translucent (code 3362PT), food and pharmaceutical quality, smooth with glossy finish.
- It may easily be cleaned with any mild detergent.

STANDARDS

- US Pharmacopoeia Class VI, non-cytotoxic acc. to ISO 10993-Part 5.
- Compliance: European Pharmacopoeia 3.1.9, ISO 10993-4, -10, -11, 3-A Sanitary Standards n.18-03-Class I, FDA Standards, BfR, D.M. 21/03/73 and following amendments, arrêté du 25 novembre 1992 relatif aux matériaux et objets en élastomères de silicone.

SAFETY FACTOR

- ≥ 3 times working pressure.

NEW UPDATE

- Extruded inner tube up to diameter 25 (DN 38 also available on

MAIN BENEFITS

- Platinum-cured silicone hose with non-stick properties.
- From raw material to packaged product, **the hose is manufactured in a cleanroom class 8, certified In Operation** according to the ISO 14644-1 standard. **MTG guarantees full traceability of the production process.**
- Used in aseptic environments and sanitary applications: produced with the utmost care, from the choice of high-purity ingredients to production and storing procedures.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- The MTG production cycle is free from animal derived ingredients, phthalates, adipates, nitrosamines, and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Non-plasticized hose.

TEMPERATURE RANGE

- From -60°C to +200°C.

STERILIZATION

- Sterilization with steam up to +135°C at 3.5 bar for max. 90 minutes.
- Sterilization with hot air up to +200°C for max. 30 minutes.
- Sterilizations repeated at intervals of less than 1 hour may seriously affect the mechanical features of the hose.

MARKING

MTG MTG CLEARWAY HD PLATINUM MADE IN ITALY

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: +1/-0.5mm - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure* BAR	Burst pressure BAR	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
10	22	6.0	15	45	50	-0.9	0.38	30
13	25	6.0	15	45	52	-0.9	0.45	30
16	29	6.5	15	45	60	-0.9	0.53	30
19	32	6.5	15	45	66	-0.9	0.62	30
25	38	6.5	15	45	86	-0.9	0.75	30
32	45	6.5	15	45	110	-0.9	0.92	30
38	52	7.0	12	36	130	-0.9	1.25	30
50	64	7.0	10	30	200	-0.9	1.62	30
63.5	77.5	7.0	8	24	250	-0.9	2.22	20
76	90	7.0	8	24	350	-0.9	2.95	20
100	114	7.0	7	21	500	-0.9	3.62	20

(*) At a temperature of +100°C the W.P. decreases by 20%.
Chemical resistance acc. to MTG Chemical Resistance Chart. Above technical data refer to application at room temperature (+20°C). Other sizes are available on demand. 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.

3A SANITARY STANDARD · USP CLASS VI PHARMACOPOEIA · EUROPEAN E.P. 3.1.9 PHARMACOPOEIA · ISO 10993 · FDA FOOD QUALITY · BfR FOOD QUALITY · DM 21/03/73 · MADE IN ISO 14644-1 CLASS 8

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