

MTG PHARMATECH

COVER

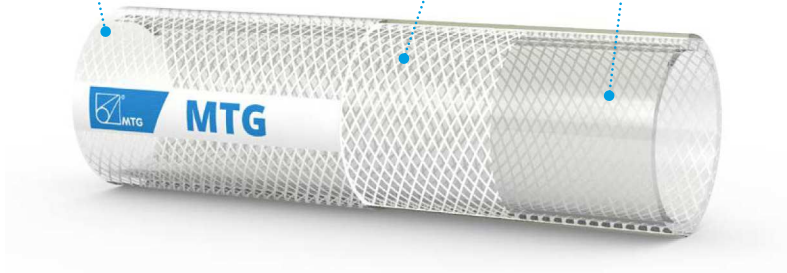
Platinum-cured silicone rubber, pharmaceutical and food quality, light colour, odourless and tasteless, mirror smooth.

REINFORCEMENT

Piles of synthetic cord.

TUBE

Platinum-cured silicone rubber, pharmaceutical and food quality, light colour, odourless and tasteless, mirror smooth.



FITTING

- By means of clamps, collars or crimping.
- If required, MTG can supply reusable fittings ensuring a regular flow and preventing turbulences inside the hose.

STANDARDS

Tube and cover: USP Class VI, 3A, FDA Standards, European Pharmacopoeia (E.P. 3.1.9.), BfR Recommendation XV, ISO 10993-4, -1, non-cytotoxic according to ISO 10993-Part 5.



APPLICATION

- Platinum-cured silicone hose, designed for conveying high-purity products.
- It is normally used in the pharmaceutical, cosmetic, biotech and food industry.
- Delivery hose, not recommended for suction applications.
- Hose in accordance with EC 1935/2004.
- Autoclavable.



TEMPERATURE RANGE

From -60°C to +180°C depending on the fluids conveyed.



SAFETY FACTOR

≥ 3 times working pressure.



STERILIZATION

Sterilization with steam up to +135°C or, as an alternative, cobalt or argon radiations.

MAIN BENEFITS

- Non-stick and hydrophobic: it provides utmost safety during transport of high-purity fluids, thus removing the risk of bacterial growth on the hose surfaces.
- Perfectly smooth: it may easily be cleaned.
- See-through: this translucent platinum silicone product allows to check the fluid conveyed inside the hose.
- Plasticizers and nitrosamines free hose.

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 BAR	Burst pressure BAR	Vacuum BAR	Min. bending radius mm	Approx. weight g/m	Max. length m
3.18	9.81	-	15	45	-	30	70	25
4.72	11.35	-	15	45	-	35	106	25
6.35	13.03	-	15	45	-	40	124	25
7.93	14.61	-	12	36	-	45	147	25
9.52	16.32	-	12	36	-	50	175	25
12.70	20.10	-	10	30	-	65	237	25
15.87	24.37	-	8	24	-	75	330	25
19.05	27.91	-	8	24	-	80	415	25
22.20	31.12	-	5	15	-	100	455	25
25.40	34.50	-	5	15	-	120	513	10
31.75	40.80	-	4	12	-	150	617	10

Chemical resistance acc. to MTG Chemical Resistance Chart.
Above technical data refer to application at room temperature (+20°C).
Other sizes and colours are available upon request. Please contact our Sales Department.

Cod. IT-M00130