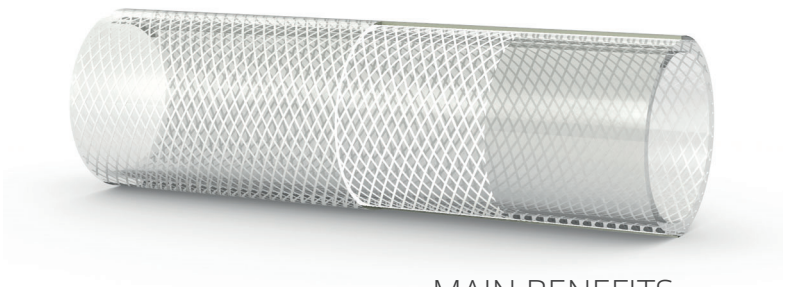
# MTG PHARMATECH

PHARMACEUTICAL INDUSTRY

EN ISO 9001:2015
No. : Q-3353-24
EN ISO 45001:2018
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EN ISO 14001:2015
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## 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.
- Hose in accordance with EC 1935/2004.
- Autoclavable.

## CONSTRUCTION

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

**REINFORCEMENT**
- Plies of synthetic cord.

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

## STANDARDS

- Tube and cover: USP Class VI, 3A, FDA Standards, European Pharmacopoeia (E.P. 3.1.9.), BfR Recommendation XV, ISO 10993-4, -11, non-cytotoxic according to ISO 10993-Part 5, ICH Q3D, KTW-BWGL for cold and warm water.

## MAIN BENEFITS

- Non-stick hose: 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.
- Translucent, platinum-cured silicone: the see-through material is important for liquid-handling applications where the flow must be monitored.
- Non-plasticized hose.
- Made in cleanroom.

## TEMPERATURE RANGE

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

## STERILIZATION

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

## SAFETY FACTOR

- ≥ 3 times working pressure.

## FITTING

- By means of clamps, collars or crimping.
- If required, we can supply special reusable fittings ensuring a regular flow and preventing turbulences inside the 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 | Min. bending radius mm | Vacuum BAR | Approx. weight gr/m | Max. length m |
|---|---|---|---|---|---|---|---|---|
| 3.18 | 9.80 | - | 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. 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."

3A SANITARY STANDARD · USP CLASS VI PHARMACOPOEIA · EUROPEAN E.P. 3.1.9 PHARMACOPOEIA · ISO 10993 · FDA FOOD QUALITY · BfR FOOD QUALITY · KTW BWGL

**Cod. IT-M00084**
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