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## APPLICATION

- Silicone hose for delivery of high purity products, foodstuff and fluids with alcohol content up to 96%.
- Normally used in food, pharmaceutical and cosmetic industries.

## CONSTRUCTION

### TUBE

- Silicone rubber, translucent (code PT3362), food and pharmaceutical quality, odourless and tasteless, smooth, glossy finish.

### REINFORCEMENT

- High-strength plies of synthetic cord.

### COVER

- Silicone rubber, translucent (code PT3362), food and pharmaceutical quality, odourless and tasteless. Smooth with glossy finish.
- It may easily be washed with any mild detergents.

## 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

- ≥ 4 times working pressure.

## 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.
- On demand, Leachables & Extractables tests are available.

## 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



## 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
13	24	5.5	10	40	-	-	0.374	30
19	30	5.5	10	40	-	-	0.490	30
25	37	6.0	10	40	-	-	0.602	30
38	49	5.5	10	40	-	-	0.862	30
51	62	5.5	7	28	-	-	1.222	30

(\*) 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 upon request. Please contact our Sales Department.



Cod. IT-M00130

UPDATED: 07/22  
 Rev: 006