



## 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 SILICONE-3362PT), food and pharmaceutical quality, odourless and tasteless, smooth, glossy finish.

### REINFORCEMENT

- High strength polyester plies.

### COVER

- Silicone rubber, translucent (code SILICONE-3362PT), 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: 3A, FDA, BfR, E.P. 3.1.9. (European Pharmacopoeia), ISO 10993-4, -10, -11.

## SAFETY FACTOR

- $\geq 4$  times working pressure.S

## MAIN BENEFITS

- Platinum-cured silicone hose with non-stick and hydrophobic properties.
- Safe solution for use in the aseptic environments and hygienic applications: utmost care is used starting from the choice of high-purity ingredients, production and storing procedures.
- Pharma grade validation: the silicon hose design is tested in accordance with USP Class VI, EU Pharmacopoeia and FDA Standards.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP).
- Our production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).
- Plasticizers free hose.
- Nitrosamines free 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.

## 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	20
19	30	5.5	10	40	-	-	0.490	20
25	37	6.0	10	40	-	-	0.602	20
38	49	5.5	10	40	-	-	0.862	20
51	62	5.5	7	28	-	-	1.222	20

(\*) At a temperature of +100°C the W.P. decreases by 20%.  
Above technical data refer to application at room temperature  $\pm 20^{\circ}$   
Other sizes are available upon request. Please contact our Sales Department.



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