



APPLICATION

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

CONSTRUCTION

TUBE

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

REINFORCEMENT

- High strength polyester plies.
- Embedded stainless steel helix wire AISI 316.

COVER

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

SAFETY FACTOR

- ≥ 3 times working pressure.

MAIN BENEFITS

- Platinum-cured silicone hose with non-sick 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 Clearway 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 according 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: 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 Kg/m	Max. length m
10	22	6.0	10	30	50	-0.9	0.38	30
13	25	6.0	10	30	52	-0.9	0.45	30
16	29	6.5	10	30	60	-0.9	0.53	30
19	32	6.5	10	30	66	-0.9	0.62	30
25	38	6.5	10	30	86	-0.9	0.78	30
32	45	6.5	10	30	110	-0.9	0.92	30
38	52	7.0	10	30	130	-0.9	1.25	30
50	64	7.0	10	30	200	-0.9	1.62	30
65	79	7.0	8	24	250	-0.9	2.22	20
75	89	7.0	8	24	350	-0.9	2.70	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%.
Above technical data refer to application at room temperature (+20° C).
Other sizes are available on demand. Please contact our Sales Department.



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