



Foodstuffs
Pharmaceuticals
Cosmetics

A-PHARMA SIL

Properties

- platinum-cured silicone hose with non-stick and hydrophobic properties
- excellent safety for aseptic environments and hygienic applications: utmost care is used starting from the choice of high-purity ingredients to the specific production and storing procedures
- pharma grade validation: the A-PHARMA Sil 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).

The production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).

Applications

- silicone hose for suction and delivery of high purity products, foodstuff and fluids with alcohol content up to 96%
- reinforced version suitable for process applications 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 (SILICONE-3362PT), food and pharmaceutical quality, odourless and tasteless, mirror smooth
- reinforcement: high strength polyester plies and embedded stainless steel helix wire AISI 302
- cover: silicone rubber, translucent (SILICONE-3362PT), food and pharmaceutical quality, odourless and tasteless, smooth with glossy finish. It does not generate any residuals in comparison with the traditional cloth finish. It may easily be cleaned with any detergent.



Code - F8G25....

Base Material - Platinum-Cured Silicone

Operating Temperature - $-60 \div +200$ °C

Pressure - 10 bar

Vacuum - 9,18 mH₂O

Diameter Range - 13 ÷ 38 mm

Key feature - Phthalates free, Atoxic,
Food grade, High purity raw materials

Standards

- US Pharmacopoeia Class VI, non-cytotoxic acc. to ISO 10993-Part 5
- Compliance: FDA, BfR, E.P. 3.1.9. (European Pharmacopoeia)

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

inner Ø	outer Ø	wall thickness	working pressure	bursting pressure	bending radius	vacuum	weight	coil length
mm	mm	mm	bar	bar	mm	mH ₂ O	kg/m	m
13	23	5	10	30	40	9,18	0,38	30
19	29	5	10	30	55	9,18	0,51	30
25	35	5	10	30	65	9,18	0,72	30
38	48	5	10	30	110	9,18	1,04	30

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • mar_18 rdb