

Vena® SIL COOLED

Ref: DO 03.10 FT 183. Rev. 04
Date: 20/06/2017



Applications

It is especially recommended for the transport of liquid or semi-liquid fluids in the food, cosmetic, chemical and pharmaceutical industries. It offers an extremely broad field of applications. The use of this hose it is recommended to keep the temperature of the flowed product by using a heated liquid or a coolant inside the coil. Each model is built on demand and according to the customer needs.

Properties

- Odorless, tasteless and completely non-toxic.
- Translucent and smooth inner appearance, white and convoluted outer appearance.
- Can be equipped with 316L stainless steel fittings on each end with a roughness value of less than 0.8 μm (or 0.5 μm on request).
- Operational temperature range from -60°C (-75°F) to +180°C (356°F), it may reach up to +200°C (392°F) during short periods of time.
- The inner layer could be made in food grade FKM rubber or PFA, in these cases please ask your sales office for the specific regulations.

Limitations

Respect the bending radius and work pressure established values.

Mind the chemical compatibility of the fluid with the silicone.

This product is not recommended for the transport of abrasive particles

Regulations

Inner platinum cured silicone produced in compliance with:

- US FDA Standard 21 CFR 177.2600
- German BfR Standard part XV
- USP Class VI <88> in vivo tests, 121°C
- European Pharmacopoeia 3.1.9
- ISO 10993-4, 5, 6 & 10
- ResAp 2004 (5), according to Reg 1935/2004/EEC, and Reg 10/2011/EEC

Silicone rubber used is in accordance with EU Directive 2002/95/ECC for Restriction of the use of hazardous substances (RoHS)

Construction

This reference is manufactured with silicone layer and polyester reinforcement, a stainless steel wire everything encased inside the hose, and a small duct applied between the hose and the outer silicone layer in spring way.