Technical Datasheet

Vena® Silicone Sleeves

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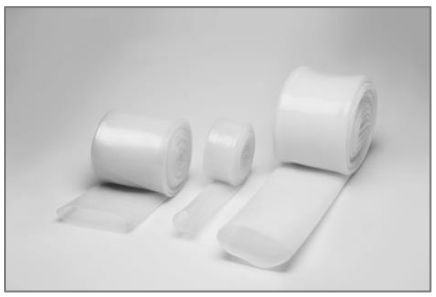

Applications

It is specially recommended for the transport of liquid or semi-liquid fluids in the food, cosmetic, chemical and pharmaceutical industries.
Any of the Venair silicone sleeves offer a chemical protection between outer and inner plies and thanks to its translucent color, you can easily see the inner fluid flow.
This product is able to compensate small vibrations and level differences. You can avoid fluid contamination by using a Venair silicone sleeve, e.g. to protect juices from any contact with metallic parts.

Limitations

Mind the chemical compatibility of the fluid with the silicone.

This product is not recommended for the transport of abrasive particles.

Product not recommended for operation with negative pressure.

Regulations

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, 121ºC
- ISO 10993-4, 5, 6 & 10
- ResAp 2004 (5), according to Reg 1935/2004/EEC, and Reg 10/2011/EEC
- European Pharmacopoeia 3.1.9

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

Properties

- Odorless, tasteless and completely non-toxic.
- Translucent and smooth inner and outer appearance.
- Operational temperature range from -60°C (-76 F) to +200°C (392 F), it may reach up to 220°C (428 F) during short periods of time.
- The maximum manufacturing length is 4m (13.12 ft) but in specific diameters there can be manufactured a length of 6m (19.69 ft).
- It is possible to manufacture many different forms from 6mm to 300mm (0.24 inches to 11.81 inches).

Construction

This reference is manufactured with a layer of silicone, if the product has to resist some pressure it is possible to develop a special construction with fabric reinforcement to resist the estimated pressure, in this case the recommended maximum working pressure has to be reduced in 20°C (36 F).