

## SILICONE HOSES FOR FOOD, COSMETIC, PHARMACEUTICAL AND BIOTECH INDUSTRIES

SOLUTIONS TO OPTIMIZE YOUR SYSTEMS



### PHARMALoader®

#### Smooth high-purity compensator

It is a flexible compensator made from platinum-catalysed silicone with polyester reinforcements between the silicone layers. To obtain the correct elastic compensation, it is fitted with 3 stainless steel rings, which also prevent volumetric expansion.



### VENAFLON® HF/HF-X

#### High flexible silicone hose with an inner liner of smooth PFA

Resistant to high and low temperatures (from -30° C to 150° C / -22°F to 302°F). Specially recommended to convey aggressive chemical products.



### VENA® SIL 630

#### Highly translucent wire reinforced hose

The high-transparency of the hose allows a perfect visualization of the product where it is necessary to have control over the product flow rate. This product has the highest flexibility of its range.



### VENA® SIL 640

#### Polyester – reinforced silicone hose

For use in straight sections equipped with metal fittings, where flexibility is not required. Often used to detect metal particles in food filling machines.



### VENA® SIL 650V / VENA® SIL 655

#### High flexible silicone hose with stainless steel wire spiral

Broad application field due to the balance between strength and flexibility, with small bending radius. Ideal for use in proportioning and loading tanks in any length. These hoses compensate vibrations and level differences. Suitable for pressure or vacuum. The spiral can be simple or double.



### VENA® TECHNOSIL® / TECHNOSIL® DB

#### Co-extruded silicone hose with simple or double polyester reinforcement

Suitable for conveying liquids where a tight bending radius is not required. These hoses compensate vibrations and level differences. Ideal for use in proportioning and loading tanks in any length. DB version counts with a double polyester reinforcement to bear high pressures.

## VENA® TECHNOEX®

### Transparent and smooth, extruded silicone hose

Specially recommended to convey liquid fluids, this high-performance extruded hose is made of translucent, platinum-cured silicone, allowing visual contact with the flow. Suitable for use in peristaltic pumps.



## HEATED HOSES

### To convey viscous products

Silicone hose equipped with an electrical resistance encased inside the wall. It provides a regular temperature to the hose for an optimum fluidity of the conveyed product.



## SPECIAL SHAPES

### Custom-made silicone pieces

We produce standard silicone shapes according to your requirement, such as bend pipes, expansion compensators and other custom pieces. From one-piece projects to serial production we support manufacturers and engineers in developing and producing hoses which fulfill all your system requirements.



## VENA® BUTYLFOOD®

### Flexible butyl rubber hose

Hoses with strong, durable construction that can withstand excessive physical handling. Suitable for the transfer of all types of food products, even at high temperatures.



## VENA® TECHNIPUR® VAC FDA

### Transparent polyurethane hose

Produced with stainless steel wire. In accordance with FDA standard 21 CFR 177.2600 and generally acceptable for pneumatic transport of bulk materials and suction of all types of abrasive particles.



**ALL OUR HOSES CAN BE SUPPLIED WITH 316L STAINLESS STEEL FITTINGS: CLAMP, DIN, SMS, ETC.**

*MOST OF VENAIR® PRODUCTS MEET AND EXCEED THE FOLLOWING CERTIFICATIONS:*

- US **FDA** (Foods and Durgs Administration) Standard 21 CFR 177.2600
- German **BfR** Standard part XV
- **USP Class VI** standard
- **3A** Sanitary Standard **18-03 Class I** (hose)
- **3A** Sanitary Standard **62-02** (fitted hoses)
- 1935/2004/EC Regulation and European Council Resolution AP 2004 (5) – silicones
- EU Directive 2002/95/ECC
- European council resolution AP 2004
- Din 26055 - 2:2010



**VALIDATION PACKAGE IS AVAILABLE UPON REQUEST**

For more information: [www.venair.com](http://www.venair.com)

#### IMPORTANT:

It is the user's responsibility to ensure the suitability and safety of the VENAIR products for all intended uses. All the tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of the hoses in any particular application.

**Limited Warranty:** For a period of 6 months from the date of sale, VENAIR warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized. VENAIR assumes no obligations or liability for any advice furnished by it, or for results obtained with respect to those products. All such advice is given and accepted at the buyer's risk.

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