

Silicon hose Silipress Medical, discharge hose for pharmaceutical applications; according to FDA, USP VI and







Platinum cured silicone tubing is non-yellowing and has a clearer appearance than peroxide cured silicone. It is preferred by the medical/pharmaceutical, food and beverage industries (MRO and OEM) due to its transparency and lack of peroxide by-products.

It is the best possible solution for OEM coffee machine producers and other beverages installations. For medical/pharmaceutical usage, platinum cured silicone provides excellent biocompatibility and chemical inertness to maintain the purity of sensitive fluids. In comparison to peroxide cured silicone, platinum cured silicone has no significant change in physical properties during or after autoclave sterilization.

Peroxide cured silicone is also less used because of environmental issues. During the curing, small amounts of tetrachlorobiphenyl (PCB's) are released in the extraction of the fumes. A lot of manufacturers changed their silicone compounds to platinum cured.

Application

- Specially developed for the pharmaceutical and food industry
- Also resistant to alcohols and cleaning agents
- Contains no toxic components
- Recommended in: Food & Beverages, Pharma

Technical Information

Temperature range

• -40 °C to +180 °C

Construction

Material

- Silicone, semi-transparent
- Hardness: 70° Shore A

Layers

Fibreglass

Execution

Marking

None

Couplings

• Depending on choice

Mounting method

• FIXXED hose clamps or crimp sleeves

Approval

Standard/approvals

- FDA 21 CFR 177.2600
- USP VI
- BfR

Options

Complete assembly

• ERIKS can fit the Silipress Medical with the couplings you need.

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum bending radius	Roll length	Article
mm	mm	mm	bar	mm	m	
6	3	12	12.5	15	25	10015231

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

PR_EC011314_0292_EN_26.04.2024