



Silicon hose Silipress Red Food, discharge hose for food applications; according to EC1935/2004, EU 10/2011 and FDA



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 designed for foodstuffs, e.g. in coffee and drinks machines
- Very flexible
- Also resistant to alcohols and cleaning agents
- Recommended in: Food & Beverages

Technical Information

Temperature range

- -55 °C to +130 °C on a permanent basis

Burst pressure

- 4 x operating pressure
- Safety factor 4:1

Construction

Inner wall

- Silicone, semi-transparent
- Hardness: 75° Shore A (+/- 5)

Layers

- Polyester

Outer cover

- Silicone, red
- Hardness: 75° Shore A (+/- 5)

Execution

Marking

- None

Couplings

- Depending on choice

Mounting method

- FIXED hose clamps or crimp sleeves

Approval

Standard/approvals

- EC1935/2004 — EU 10/2011 A,B,C,D1,D2,E.
- FDA

Options

Complete assembly

- ERIKS can fit the Silipress Rood Food with the couplings you need.

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	mm	m	kg/m	
8	3	14	6		20	25		12736671
9.5	3.7	16.9	6	24	25	25	0.12	12736670
12.5	4	20.5	7	28	45	25	0.15	12736674

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