



Silicone 75 Compound 714703

ERIKS' 714703 is a specialist grade platinum cured silicone compound, specially developed for pharmaceutical applications such as triclamp gaskets. This compound is developed in conformity with USP class VI. The USP study was conducted based upon the references: USP 30, NF25, 2007.<88> Biological Reactivity Tests, in vivo. Extraction conditions 121 ± 2°C for 1 ± 0,1 hour. It also complies to European Pharmacopoeia 3.1.9, FDA CFR 21\$177.2600 and EC1935:2004.

Description

Chemical composition: Methyl-vinyl silicone rubber

Physical form: Triclamps

Colour: Transparent

Temperature resistance: -50°C to +200°C

Application

- Pharma
- Foodstuffs

Approvals and compliances

- USP Class VI <88>
- European Pharmacopoeia 3.1.9
- FDA 21 CFR 177.2600
- EC1935:2004
- ADI
- REACH
- RoHS

Additional information

- Platinum cured

Please consult our [Chemical Resistance Guide](#) for more information on this compound.



Table 1: Physical properties

Property	Test standard	Value	Unit
Hardness	ASTM D2240	75	Shore A
Elongation at break	ASTM D412	450	%
Tensile strength	ASTM D412	8.9	MPa
Compression set – 24 hours at 175°C Slab	ASTM D395	32	%