



KEMTRON

GASKETS & SEALS

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Technical Data Sheet:

Silicone Rubber

General Properties and Application

- A high quality rubber with excellent resistant to temperature extremes.
- This material offers excellent high and low temperature properties and can be used in the Food and Medical industry.
- Retains excellent mechanical properties.
- Good weathering properties.
- Resistance to Vegetable Fats, Oils, Water and Ozone

Typical Specifications

Colour:	White
Compression set:	30%
Density:	1.2 g/cm ³
Hardness(shore A):	60°
Tensile Strength:	7 N/mm ²
Elongation:	400%
Temperature Range:	-60°C to +200°C – Maximum Recommended
Pressure:	1000kPa (10bar) – Maximum Recommended
Ozone Resistance:	Recommended

- **Meets FDA Regulations 21 CFR-177.2600**
- **WRAS U.K. Drinking Water Approvals (for Hot and Cold Water).**
- **German Bundesgesundheitsamt (BfR) Empfehlung XV Silicone 111,6**
- **Manufactured in Accordance with ISO 9002 Standards**
- **Suitable for use in Class 100 Clean Room environment**
- **EC No.1935:2004 Framework Regulation - materials and articles intended to come into contact with food – manufactured**

This information represents typical values, which can vary according to the application. These values do not constitute a performance guarantee. Users should determine, prior to use, the suitability of this material for their particular application.



EC No.1935:2004