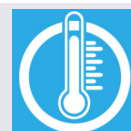


High-Temperature Silicone Sheeting Datasheet

Product Code: RC0323-HT

Product Description

This high-temperature silicone sheeting offers excellent performance, up to + 270°C (+300°C intermittently), although the presence of oxygen is required to achieve this. This sheeting is fully compliant with FDA 177.2600 and EC 1935/2004 for applications requiring food contact. It also provides excellent UV, ozone, and other weathering resistance. This material is available in 1m x 1m sheets, in a wide range of thicknesses.



High
Temperature



FDA
Approved



Durable



Weather-
Resistant

Available In:



Full Rolls



Cut to Strip



Bespoke
Gaskets

Technical Specification

Property	Test Method	Value
Material	-	Silicone
Colour	-	Red Oxide, White
Hardness (Shore A)	ASTM D2240	60° ±5
Tensile Strength	ASTM D412 Die C	9MPa
Elongation at Break	ASTM D412 Die C	350%
Compression Set (24 hours at 150°C)	BS 903 Part A6 Type B	11%
Compression Set (24 hours at 300°C)	ASTM D395 Method B Type 2	10%
Tear Strength	ASTM D412 Die B	22N/mm ²
Operating Temperature Range (constant)	-	-60°C to +270°C
Operating Temperature Range (intermittent)	-	-60°C to +300°C



ISO
9001 : 2015
REGISTERED

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