

Platinum Cured Silicone Rubber Strip Datasheet

Product Code: RC1101-SI-PLAT

Product Description

This platinum cured silicone rubber strip contains no peroxide by-products, making it a non-toxic, non-yellowing material, ideal for use in food, beverage, medical, and pharmaceutical applications. This silicone material conforms to FDA 177.2600 and EU 1935/2004 standards for direct food contact use. The physical properties of this strip ensure excellent sealing, at low temperatures and high temperatures up to +200°C.



Technical Specification

Property	Test Method	Value
Material	-	Platinum cured silicone
Colour	-	Translucent
Density	DIN EN ISO 1183-1A	1.15g/cm ³
Hardness (Shore A)	DIN 53.505	60°
Tensile Strength	DIN 53 504 S1	10.3N/mm ²
Elongation at Break	DIN 53 504 S1	600%
Compression Set (22hours at 175°C)	DIN ISO 815 B	20%
Tear Strength	ASTM D624 Die B	25N/mm ²
Operating Temperature Range (constant)	-	-60°C to +200°C
Operating Temperature Range (intermittent)	-	-60°C to +230°C



ISO
9001 : 2015
REGISTERED

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.