

VPLT60SH

Technical Data Sheet – Platinum Cured Calendared Silicone Rubber Sheet

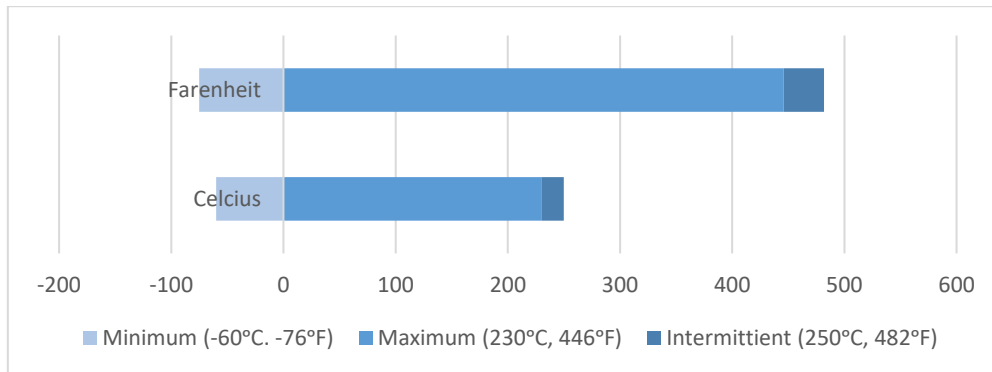
Material

Platinum 60

Available Grades

VPLT60SH

Temperature Range



General Information

Viking Extrusions Platinum Cured Silicone sheets are produced from high quality grades exhibiting good transparency and mechanical properties. The sheets are properly post-cured to comply with the requirements of FDA, BfR and EU 1935/2004 food contact regulations.

Environmental Resistance

Silicone Rubber Products have an excellent resistance to:

- Ozone
- Oxidation
- Ultraviolet Light
- Corona Discharge
- Cosmic radiation
- Ionising radiation
- Weathering in general

Availability Format

- Supplied in continuous roll lengths
- Widths of 1000mm (standard)
- Pressure sensitive adhesive backing
- Punched, CNC cut gaskets
- Full range of standard colours
- Capability to colour match

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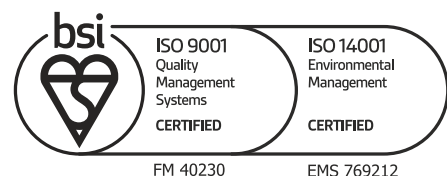
Viking Extrusions Ltd – Ivy Arch Road, Worthing, West Sussex, BN14 8BX, UK

Company Number: 2634482UK

VAT Number: GB587651394

Registered in England & Wales

REV 01 – Last Updated: 04/04/24



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Typical Applications

Viking Extrusions platinum cured silicone sheets contain no peroxide curing agents and are general used where peroxide byproducts need to be avoided. Applications include:

- Domestic and catering equipment
- Pharmaceutical
- Food
- Medical
- Beverage
- Water Industries

Mechanical Properties

Property	Units	VPLT50SH	VPLT60SH	VPLT70SH	Test Method
		Typical Value			
Hardness	Shore A ±5	50	60	70	ASTM D2240 DIN 53505
Tensile Strength	MPa (PSI)	9.5 (1380)	10.5 (1525)	10.5 (1525)	ISO 37 type 1 ASTM D412 die C DIN 53504 Type S1
Elongation to Failure	%	750	725	725	ISO 37 type 1 ASTM D412 die C DIN 53504 Type S1
Tear Strength	N/mm (lb./in.)	30 (171)	35 (200)	38 (217)	ASTM D624 die B
Compression Set 24 Hrs @ 150°C	%	23	23	25	BS 903 pt A6 type B DIN/ISO 815 type B
Compression Set 22 Hrs @ 300°F	%	15	13	13	ASTM D412 die B DIN 53517 type 1 ISO 815 type B

Accreditations

- FDA compliant
- BfR compliant
- REACH and RoHS compliant

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