

## VCL65SH

### Silicone Rubber Sheetting Electrically Conductive

#### Material

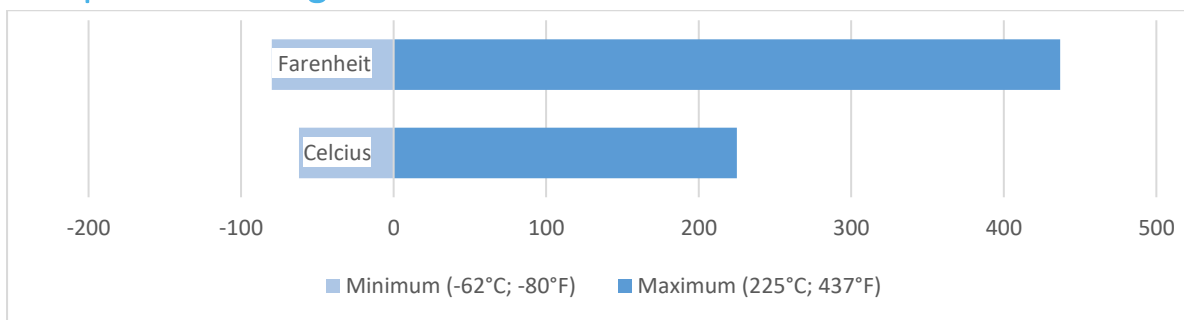
Electrically Conductive Silicone Rubber Sheetting

#### Available Grades

915mm wide, 65° shore A, black, thicknesses 0.5mm – 6.35mm

Other variations available on request

#### Temperature Range



#### Specifications

Silex Electrically conductive grade silicone sheetting is designed to be used in many different applications. It is a carbon black filled silicone material that will act as a low amperage conductor and will also provide protection against electrostatic discharge.

This material is available in continuous rolls or sheets. It is resistant to extreme high and low temperatures and is proven to be an excellent gasketing material. Black is the only colour available.

#### Environmental Resistance

Silicone Rubber Products have an excellent resistance to:

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

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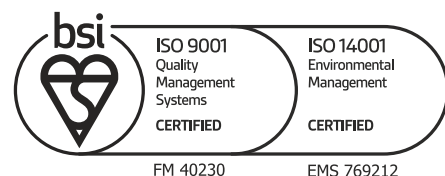
**Viking Extrusions Ltd** – Ivy Arch Road, Worthing, West Sussex, BN14 8BX, UK

Company Number: 2634482UK

VAT Number: GB587651394

Registered in England & Wales

REV 01 – Last Updated: 13/06/24



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## Silicone Rubber Sheetting Electrically Conductive

### Typical Applications

- Electrically conductive gaskets
- Ignition gaskets
- Band electrodes
- Applications where electrical conductivity and RFI/EMI shielding, or antistatic qualities are required.[]

### Material Properties

Properties	Units	Typical Value	Test Method
<b>Specific Gravity</b>	g/cm <sup>3</sup>	1.17	ASTM D297
<b>Durometer</b>	Shore A	65 ± 5	ASTM D2240
<b>Tensile Strength</b>	MPa (psi)	5.2 (774)	ASTM D412
<b>Elongation</b>	%	260	ASTM D412
<b>Compression Set (70 hrs at 150°C / 25%)</b>	%	26	ASTM D395
<b>Tear Strength</b>	KN/m (ppi)	8 (46)	ASTM D624
<b>Electrical Conductivity</b>	Ω·cm	5	ASTM D991

These figures are only intended as a guide and should not be used in preparing specifications.

### General Characteristics

- Surface finish: glossy smooth

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