



ELECTRICALLY CONDUCTIVE GRADE
65 SHORE A

DESCRIPTION

Electrically Conductive Grade silicone sheeting 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 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.

Sheet thickness ranges from 1/64" up to 1" thick.

Please call for many other variations of this material.

FEATURES

- Excellent Gasketing Material
- Extreme High and Low Temperature Resistant
- Good Flame Retardant Properties
- Low Compression Set
- Low Amperage Conductor, RFI/EMI Shielding
- Protection Against Electrostatic Discharge
- UL94 HB Rated for 0.8mm + thickness

PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	TYPICAL PROPERTIES
Specific Gravity, G/CC	ASTM D297	1.17
Durometer, Shore A	ASTM D2240	65 ± 5
Tensile Strength, psi	ASTM D412	775
Elongation, %	ASTM D412	325
Compression Set % (22 hrs @ 212°F)	ASTM D395	15
Tear, psi Die "B"	ASTM D624	70
Temperature Range	(°F)	-65 to + 500
Volume Resistivity		5 (ohms-cm)

The above values are typical properties and are provided for information only. They should not be used to set specification requirements. It is up to the end user to determine whether the material is suitable for the intended application.



Certificate No. 0372

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