

## **SILICONE SHEETING : ELECTRICALLY CONDUCTIVE 70SH** **(1.6mm)**

### **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 electro-static 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 thicknesses vary from 0.3mm up to 25.4mm thick.

Please call for many other variations of this material.

### **Features :**

- Excellent Gasketing Material
- Extreme High & 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 + thicknesses

### **Physical Properties :**

Properties	Test Method	Typical Properties
Specific Gravity, G/CC	ASTM D297	1.30
Durometer, Shore A	ASTM D2240	70 ± 5
Tensile Strength psi	ASTM D412	700
Elongation %	ASTM D412	200
Tear, psi Die 'B'	ASTM D624	80
Temperature Range	°c	-62°c to +260°c
Volume Resistivity		6 (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.