

CONDUCTIVE SILICONE



WC5-065 is an electrically conductive silicone rubber compounded from a high quality silicone, and specially prepared carbon particles.

WC5-065 combines good physical characteristics and excellent conductivity throughout for applications such as:

Electro- Static Discharge — can be die cut or molded into small contact bumpers, As well as fabricated into cushioning pads for protection of Electronic/ Aerospace hardware.

EMI/RFI — WC5-065 provides good low level protection as a gasket or shield, while providing environmental sealing at minimal compression pressure.

Low Amperage Contacts — WC5-065 provides a non-tarnishing, Corrosion resistant contact in devices with Micro-Amp current draw.

WE ALSO MANUFACTURE COLOR CONDUCTIVE SILICONE FOR FOOD GRADE APPLICATION

PROPERTIES	METHOD	UNIT	WC5-065
COLOR			BLACK
DUROMETER			65 + 10
TENSILE STRENGTH(PSI)			600
ELONGATION (%)			100
TEMPERATURE RANGE F			5 -65 TO 400
VOLUME RESISTIVITY	IS-3396	OHMS-CM	LESS THAN 7.2×10^1
SPECIFIC GRAVITY			1.16

WC5-065 is available in sheets from .020" to .500" thick and in die cut and custom molded shapes. Our WC5-065 conductive silicone adhesive bonds WC5-065 to itself and to aluminum and steel surfaces

