



STOCKWELL ELASTOMERICS

MANUFACTURING SOLUTIONS THROUGH ENGINEERED MATERIALS

Product: ESD RTV Adhesive



Related Web Page:

<https://www.stockwell.com/conductive-grounding-pads/>

Stockwell Value Proposition:

Design & Engineering

Staff engineers comprehend design challenges and are available to help select materials and manufacturing processes that best fit specific application needs.

Material Solutions

Stockwell Elastomerics has strategically partnered with industry leaders such as Rogers Corp., Saint-Gobain, 3M, Wacker Silicones and Momentive Silicones to ensure the highest quality materials are used. Stockwell Elastomerics has a comprehensive inventory of engineered materials designed and manufactured to meet requirements of the most demanding gasketing applications.

Pre-Production through Manufacturing

Combining in-house CNC die cutting, waterjet cutting, injection molding, compression molding and adhesive lamination with comprehensive inventory, Stockwell Elastomerics can fulfill fast-turn prototyping, pre-production and full production requirements.

RTV60-CON

Compound: Electrically Conductive Silicone Rubber Adhesive-Sealant with Carbon Loading

Product Description:

RTV60-CON is an uncured electrically conductive silicone adhesive-sealant which quickly cures into a soft solid rubber when exposed to atmospheric moisture. RTV60-CON is useful for bonding electrically conductive silicone rubber to metal assemblies in applications where low amperage electrical grounding is needed.

RTV60-CON uses a one part amine cure system and doesn't require mixing. It is supplied in 10.3 oz cartridges compatible with standard caulking guns. The material can be spread with a spatula and cleaned up with mineral spirits. RTV60-CON should not be used on acrylics or polycarbonates surfaces.

Property	Typical Value
Durometer , Shore "A"	35
Volume Resistivity , ohm-cm	10
Tensile Strength , psi	200
Elongation , max %	200
Tear Strength , ppi	5
Solids Content , %	70
Skin Over Time , 25°C/50%RH	10 min.
Tack Free Time , 25°C/50%RH	45 min.
Color	Black
Tube Size , oz	10.3
Fill	Carbon