

DD-13220

Conductive Silicone Sheet

Description: Flexible, nickel-coated graphite loaded silicone RF and EMI suppression material. Can be used to fabricate EMI shielding gaskets and has electrical properties suitable for mode suppression in an enclosed cavity, signal isolation and surface current attenuation. Pressure Sensitive Adhesive (PSA) may be applied to the back side for peel and stick installation.

ARC DD-13220 is an ideal material for flange gaskets. The nature of the conductive filler material makes it suitable for use in contact with metal finishes as it can be relied upon to bite through to achieve optimal electrical contact.

Color: Black

Sheet Size: 12" x 12" ± 0.125 " (304.8 x 304.8 ± 3.18 mm)

Part Size: Can be waterjet or die cut into virtually any 2-D configuration.

Thickness: 0.045" (1.14mm)

Temperature Range: -55 F to +375 F (-48.3 C to 190.5 C)

Tensile Strength: 150 psi (14.06 kgf/cm²)

Elongation: >100%

Shielding Effectiveness: >100dB (typical)

The technical information contained herein is consistent with the properties of this material but should not be used in the preparation of specifications as it is intended for reference only.



Solutions for Interference Control

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