



EVS-502-60-V0

Flame Retardant Shielding Silicone Elastomer

PRODUCT DESCRIPTION

The EVS502-60-V0 is a 60 durometer nickel coated graphite filled flame retardant conductive silicone elastomer that conforms to UL-94 V0. This material is used in EMI/RFI gasketing applications and is available in sheet stock and continuous roll stock, with or without conductive pressure sensitive adhesive. Thickness options from .010 to .250 are available depending on sheet or roll requirements. EVS502-60-V0 has been tested to ASTM595 outgassing parameters both with and without conductive PSA applied, data available upon request. EVS502-60-V0 is black and commonly used to replace the discontinued GORE® GS 5200 shielding gasket product.

Testing	Specification
Shore A	55-65
Tensile psi	150 min
Elongation %	100 min
Tear "B" ppi	70 typical
Specific gravity	2.0 typical
Volume Resistivity ohm-cm	1.0 max (0.3 typical)
UL-94 Flammability Rating	V0*
Thermal Stability Range	-60 C - 220 C
Shielding Effectiveness 20MHz-10GHz (E-Field)	> 117**

SHELF LIFE

Cured material – indefinite. Cured material with PSA applied at shipment – up to 12 months.

FLAMMABILITY RATING *

Validated and certified internally for every batch. Validated externally by an accredited facility, report available upon request.

SHIELDING EFFECTIVENESS **

Shielding data was run third party at a MIL-DTL-83528 listed lab.

HANDLING & SAFETY

SDS information is available upon request.



CR Technology, Inc

55 Chase St
Methuen, Massachusetts 01844

sales@crtechinc.com

978.681.5300