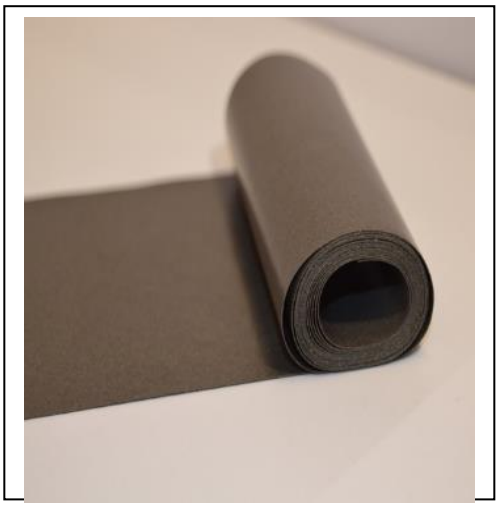
SSP-502-40-V0

Flame Retardant Shielding Silicone Elastomer

PRODUCT DESCRIPTION

The SSP502-40-V0 is a 40 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. SSP502-40-V0 has been tested to ASTM595 outgassing parameters both with and without conductive PSA applied, data available upon request. SSP502-40-V0 is black and commonly used to replace the discontinued GORE® GS 2100 shielding gasket product.

TESTING	SPECIFICATION
Shore A	35-45
Tensile psi	100 min
Elongation %	200 min
Tear "B" ppi	35 typical
Specific gravity	1.9 typical
Volume Resistivity ohm-cm	1.0 max (0.5 typical)
UL-94 Flammability Rating	V0*
Thermal Stability Range	-60°C - 220°C
Shielding Effectiveness 20MHz-10GHz (E-Field)	> 113**



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 EFFECTIVNESS **

Current Shielding data was run third party at a MIL-DTL-83528 listed lab. The material tested was a very similar SSP502-40 elastomer without flame retardant additive at time of test. SSP is currently collecting and finalizing testing for the exact formulation for SSP502-40-V0.

HANDLING & SAFETY

SDS information is available upon request.

For more information visit www.sspinc.com. To order call **(518) 885-8826** or Fax **(518) 885-4682.**

Specialty Silicone Products, Inc.

Corporate Technology Park * 3 McCrea Hill Road * Ballston Spa, NY 12020

Specialty Silicone Products, Inc is an ISO 9001:2015 registered company.