

# SAS SEALTRON® 1247

## Features and Benefits

Good Electrical Conductivity  
Excellent Mechanicals  
Excellent Galvanic Compatibility

SAS SEALTRON® 1247 is an excellent conductive elastomer choice in situations requiring shielding effectiveness, environmental sealing, reliability

SAS SEALTRON® 1247 is a combination of Silver Plated Nickel and Ethylene-Propylene, combined to create a conductive matrix.

SAS SEALTRON® 1247 is available in many different variations including:

- Molded Parts
- Die Cut/Water Jet Cut Parts
- Extrusions
- Sheets
- Co-Molded Parts
- Co-Extrusions

### Silver Plated Nickel filled EPDM

Elastomer		Ethylene-Propylene
Particle		Silver Plated Nickel
Operating Temperature (°C)	Max	125
	Min	-45
Specific Gravity (+/- 13%)		3.75
Hardness Shore A (+/- 7)		75
Compression Set (70 hrs at 100°C, % Max)		40
Tensile Strength (psi, Min)		200
Tear Strength (lb/in., Min)		75
Elongation %	Min	200
	Max	0
Volume Resistivity (ohm-cm, Max)		0.006
Shielding Effectiveness (minimum)	200 KHz (H Field)	NOT TESTED
	20 MHz (E Field)	110
	100 MHz (E Field)	105
	500 MHz (E Field)	115
	1 GHz (Plane Wave)	110
	10 GHz (Plane Wave)	110
	40 GHz (Plane Wave)	NOT TESTED

SAS Industries, Inc. REACH / RoHS Compliance : SAS does not use or store any metallic mercury, mercury compounds or mercury containing products at our facility and that all products listed herein are RoHS Compliant 2011/65/EU. SAS also certifies that all of our products do not contain any of the REACH Substances of Very High Concern (SVHC) as published by ECHA (European Chemical Agency).

Postal Address:

SAS Industries Inc.

PO Box 245

Manorville, NY 11949

Physical Address:

SAS Industries Inc.

939 Wading River Manor Rd.

Manorville, NY 11949

Physical Address:

SAS Industries, Inc.

100 Corporate Drive

Elizabeth City, NC 27909

Telephone: 631.727.1441

Fax: 631.727.1387

E-mail: [info@sasindustries.com](mailto:info@sasindustries.com)

[sales@sasindustries.com](mailto:sales@sasindustries.com)

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