

SAS SEALTRON® 1024

Features and Benefits

Moderate Electrical Conductivity
 Good Compressibility
 Good Galvanic Compatibility

SAS SEALTRON® 1024 is an excellent conductive elastomer choice in situations requiring shielding effectiveness, environmental sealing, reliability

SAS SEALTRON® 1024 is a combination of Nickel Coated Graphite and Silicone, blended together in order to create a conductive matrix.

SAS SEALTRON® 1024 is available in many different variations including:

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

Nickel Graphite filled Silicone

Elastomer		Silicone
Particle		Nickel Coated Graphite
Operating Temperature (°C)	Max	200
	Min	-55
Specific Gravity (+/- 13%)		1.92
Hardness (+/- 7)		45
Compression Set (Max)		40
Tensile Strength (Min)		75
Tear Strength (Min)		30
Elongation %	Min	100
	Max	-
Volume Resistivity (Max)		0.08
Shielding Effectiveness (minimum)	200 KHz	NOT TESTED
	20 MHz	100
	100 MHz	100
	500 MHz	100
	1 GHz	100
	10 GHz	100
40 GHz		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).

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