SAS SEALTRON® 1756

Features and Benefits

Moderate Electrical Conductivity
Excellent Mechanicals
Excellent Galvanic Compatibility

SAS SEALTRON® 1756 is an excellent conductive elastomer choice in situations requiring shielding effectiveness, environmental sealing, reliability

SAS SEALTRON® 1756 is a combination of Nickel Aluminum and Silicone, combined to create a conductive matrix.

SAS SEALTRON® 1756 is available in many different variations including:

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

Nickel- Aluminum filled Silicone

Elastomer		Silicone
Particle		Nickel Aluminum
Operating Temperature (˚C)	Max	160
	Min	-55
Specific Gravity (+/- 13%)		1.95
Hardness Shore A (+/- 7)		68
Compression Set (70 hrs at 100°C,% Max)		30
Tensile Strength (psi, Min)		150
Tear Strength (lb/in., Min)		40
Elongation %	Min	100
	Max	-
Volume Resistivity (ohm-cm, Max)		0.15
Shielding Effectiveness (minimum)	200 KHz (H Field)	NOT TESTED
	20 MHz (E Field)	NOT TESTED
	100 MHz (E Field)	110
	500 MHz (E Field)	110
	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).

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