

SAS SEALTRON® 1767

Features and Benefits

Moderate Electrical Conductivity
Excellent Mechanicals
Excellent Galvanic Compatibility

SAS SEALTRON® 1767 is an excellent conductive elastomer choice in situations requiring shielding effectiveness, environmental sealing, reliability

SAS SEALTRON® 1767 is a combination of Nickel Aluminum and Fluorosilicone, combined to create a conductive matrix.

SAS SEALTRON® 1767 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 Fluorosilicone

| Elastomer | | Fluorosilicone |
|--|---------------------|-----------------|
| Particle | | Nickel Aluminum |
| Operating Temperature (°C) | Max | 160 |
| | Min | -55 |
| Specific Gravity (+/- 13%) | | 0 |
| Hardness Shore A (+/- 7) | | 75 |
| Compression Set (70 hrs at 100°C, % Max) | | 0 |
| Tensile Strength (psi, Min) | | 150 |
| Tear Strength (lb/in., Min) | | 35 |
| Elongation % | Min | 50 |
| | 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) | 100 |
| | 500 MHz (E Field) | 100 |
| | 1 GHz (Plane Wave) | 100 |
| | 10 GHz (Plane Wave) | 100 |
| | 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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