

Wire Oriented Fluorosilicone Elastomer

PRODUCT DESCRIPTION

SSP2484M wire-oriented fluorosilicone is a solid fluorosilicone elastomer with strands of Monel wire positioned perpendicularly to the flange surface and crimped to enhance electrical contact. It is used in applications requiring EMI shielding and environmental sealing with a low to moderate closure force. The fluorosilicone binder is recommended in applications that require resistance to fuels, oils, and solvents. The monel wires in SSP2484M provide multiple contact points, and help to produce a spring-like effect in the gasket material. Monel, a nickel-copper alloy is compatible with a broad range of mating surfaces and is used in electrical and electronic components. SSP2484M is supplied in sheets and strips, and are specified by thickness and width. Pressure-sensitive adhesive can also be applied to the sheets and strips.

| SILICONE ELASTOMER BINDER DATA | Typical Values |
|--|-----------------------|
| Shore A (35-45 range) | 40 |
| Tensile Strength (Report) | 1350 psi |
| Elongation % (Report) | 600% |
| Tear-B (Report) | 225 |
| Specific Gravity | 1.44 |
| Shielding effectiveness E-Field | Up To 100 dB |
| Shielding effectiveness H-Field | Up to 50 dB |
| Cure Profile: Compression cure for 10 minutes at 177°C (350°F). Post bake for 2 hours at 177°C (350°F). | |

HANDLING & SAFETY

MSDS information is available on request.



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