

**PRODUCT DESCRIPTION**

SSP2482M wire-oriented silicone is a solid silicone 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 monel wires in SSP2482M 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. SSP2482M 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.

<b>SILICONE ELASTOMER BINDER DATA</b>	<b>Typical Values</b>
<b>Shore A</b> (30-40 range)	35
<b>Tensile Strength</b> (Report)	1250 psi
<b>Elongation %</b> (Report)	775%
<b>Tear-B</b> (Report)	100
<b>Specific Gravity</b>	1.11
<b>Shielding effectiveness E-Field</b>	Up To 100 dB
<b>Shielding effectiveness H-Field</b>	Up to 50 dB
<b>Cure Profile:</b> 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.

For more information visit [www.sspinc.com](http://www.sspinc.com). To order call (518) 885-8826/ or Fax (518) 885-4682.

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