



EVS482-75

Silicone Shielding Elastomers

PRODUCT DESCRIPTION

EVS482-75 is a 75 durometer silicone that is filled with silver plated nickel. This product is supplied as fully cured, conductive sheet stock or ready-to-mold compound. EVS482-75 was designed to meet the requirements outlined in the MIL-G-83528C-Type L specifications.

Technical Data	Method	Typical Values
Shore A (68- 82 range)	ASTM D2240	75
Tensile psi (200 minimum)	ASTM D412	300 psi
Elongation % (100 min)	ASTM D412	380%
Tear "B" ppi (30 min)	ASTM D624	50
Specific Gravity (3.48 – 4.52)	ASTM D792	4.0
Volume Resistivity ohm / cm (0.005 max)	ASTM D991	.001 oh-cm
Color	-	Tan or Gray
Thermal Stability Range	-	-60°C - 220°C

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CATALYZING

Raw material available catalyzed and ready for press cure molding. Data above was generated with Varox catalyst system.

SHELF LIFE

Uncatalyzed – indefinite, may need freshening after 1-2 years. Catalyzed – 6 months. Cold storage will extend shelf life.

HANDLING & SAFETY

MSDS information is available on request.



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