



AeroMarine Products, Inc.
8659 Production Avenue
San Diego, CA 92121
(877) 342-8860

www.aeromarineproducts.com
info@aeromarineproducts.com

AeroMarine Silicone Potting and Encapsulating Rubber AM 150

Product Description

AeroMarine #150 Silicone Potting and Encapsulation Rubber is a two component, room temperature addition cure silicone material. The cured rubber is flame resistant and has excellent mechanical properties and good shelf-life stability. As in all similar applications, a small test to determine the suitability of this product for a specific application is recommended.

Key Features

Simple one to one mix ratio
Low viscosity
Wide operating temperature range
Flame resistant
Fast demold time
Excellent dimensional stability

Main Applications

- Potting electrical circuits
- Ideal for marine and automotive use
- Vibration and moisture protection

Typical Properties

Uncured properties	"A" component	"B" component
Appearance	Black	Buff
Viscosity, cps	2000	1000
Catalyzed properties		
Specific gravity	1.34	
Pot life	~45 minutes	
Cure time	12 Hours	
Typical cured properties		
Durometer	50	
Tensile Strength, psi	>450	
Elongation, %	>150	
Tear B, pli	~25	
Linear shrinkage	<0.3	
Useful Temperature Range	-50F to 500F	
Thermal Conductivity (@77F to 212F)	BTU-FT F: 7.5X10 ⁴	
Typical electrical properties		
Dielectric Strength volts/mil	450	
Dielectric Constant, 1 KHz	3.15	
Volume Resistivity ohm/cm	1.0 x 10 ¹⁵	
Linear shrinkage	<0.3	

AeroMarine Products (seller) make no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the seller's product is fit for a particular purpose and suitable for a user's particular method of application. Many factors can affect the use and performance of seller's product. Given the variety of factors that can affect the use and performance of seller's product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the seller's product to determine whether it is fit for a particular purpose and is suitable for the user's method of application.

If the seller's product is proven to be defective, THE EXCLUSIVE REMEDY, AT SELLER'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE PRODUCT. Seller shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.