



Mosites #14125 and #14126 Silicone Sheet—Commercial Grade

Mosites #14125 and #14126 compounds are 50 and 60 durometer, respectively, commercial grade silicone rubber sheets with light fabric impression finish. The formulations meet the requirements of Mil-R-5847D and A-A-59588, Class IIA and IIB; AMS 3302 and AMS 3303. The compounds have excellent resistance to weathering and ozone, good resistance to hot water and low pressure steam, alcohols, diethylene glycols and fair resistance to petroleum base oils. The service temperature range is from -80° F to 450° F.

Silicone polymer is not recommended for service in aromatic solvents, fuels, chlorinated solvents and acids.

The physical properties shown below were obtained on molded 0.080 inch thick ASTM samples. They are typical of Mosites #14125 Gray and #14126 Gray but they should not be used to set Quality Control Specification minimum requirements.

Typical Physical Properties

	#14125 Gray	#14126 Gray
Durometer (shore A).....	51.....	60
Tensile Strength (psi).....	1080.....	1130
Elongation at Break (%).....	350%.....	300%
Modulus at 100% Elongation (psi).....	280.....	460
Tear Strength (ppi).....	63.....	58
Specific Gravity	1.16.....	1.21
Compression Set (%)..... (70 Hours at 302° F)	18%.....	16%