

Data Sheet

AMS 3345 Silicone

Data Sheet Type	Final
Material Reference	AMS 3345
Polymer	Silicone
Date Issued	01/06/25



Description

A High Strength Silicone material designed for extreme temperatures and applications within the Aerospace Industry where its excellent Damping, Mechanical and Electrical Resistance properties are widely recognised.

The material is manufactured from Compound that meets the physical and technical requirements of AMS 3345.

Specifications	Values	Test Methods
Colour	Beige	None
Elongation at Break	670 %	ASTM D412
Highest Recommended Working Temperature	205 °C	None
Lowest Recommended Working Temperature	-90 °C	None
Modulus @ 100%	1.2 MPA	ISO 37

Purposes



Chemical Resistant



Electrical Insulation



Low Working Temperature



Ozone Resistance

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.