Data Sheet	FluoroSilicone Sheeting 60 Shore to MIL-R-25988 TY2 CL1 GR60
Data Sheet Type	Final
Material Reference	MIL-R-25988 Grade 60
Polymer	FVMQ
Date Issued	07/09/26

Description

Fluoro[Silicone](#) Sheeting 60° Shore to MIL-R-25988 TY2 CL1 GR60. Fluorosilicone Sheeting has been engineered to be used where normal silicone would degrade when up against harsh chemicals and/or extreme environments. This grade has an excellent Operating temperature range from -60° C to +230° C and can even perform at +250°C in short bursts.

This material also meets the technical requirements of MIL-DTL-25988 and AMS3325.

Specifications	Values	Test Methods
Elongation at Break	200 %	ASTM D412
Highest Recommended Working Temperature	+230 °C	None
Intermittent Working Temperature	+250 °C	None
Lowest Recommended Working Temperature	-60 °C	None
Shore Hardness (Shore A)	60 ° Shore	ASTM D2240
Specific Gravity	1.50 g/cc	ASTM D297
Tear Resistance	40 PSI	ASTM D624 Die B
Tensile Strength	900 PSI	ASTM D412
Volume Change Fuel C 22 Hrs @ 25°C	20 %	None

Purposes

Chemical Resistant

High Working Temperature

Weather 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.