MacLellan
Polymers to Industry

Data Sheet	S40 FDA,WRAS & EU1935 Silicone Sheeting

Data Sheet Type	Final
Material Reference	S40
Polymer	Silicone
Date Issued	07/09/26

Description

EU1935:2004 FDA & WRAS Approved Silicone Sheeting 40° Shore A Hardness. This material meet the following flammability specs. FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal, flammability tests and Automotive Standard Part 571FMVSS302

Specifications	Values	Test Methods
Compression Set	22 % 22Hrs@150 C	ASTM D395 Method B
Elongation at Break	450 %	ASTM D412
Highest Recommended Working Temperature	230 °C	None
Intermittent Working Temperature	250 °C	None
Lowest Recommended Working Temperature	-60 °C	None
Post-Cured	Yes	None
Potable Water Temperature Rating	85 °C	None

Purposes

Chemical Resistant

Food Contact Suitability

Low Working Temperature

Potable Water Suitability

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.