Data Sheet	Metal Detectable Silicone 8.3mm Pull Strength EU1935:2004
Data Sheet Type	Final
Material Reference	Metal Detectable Silicone 8.3mm Pull Strength
Polymer	VMQ
Date Issued	02/06/26

Description

A high quality Silicone Rubber Sheeting containing additives which are visible to metal detector scanning equipment, ensuring that any particles contaminating the product can be easily identified.

This grade has been developed with a good Magnetic Pull strength, 8.3mm using test method SEWI 700, and meets the Flammability requirements for FAR 25/JAR 25/CS 25 Appendix F Part 1 (a)(1)(iv).

Also available in moulded sheets with an Anti-Microbial additive for applications where both features are required.This material is suitable for Seals and Gasket applications in the Food, Drink and Pharmaceutical Industries.

Specifications	Values	Test Methods
Brittle Point	-80 °C	None
Compression Set	14 %	ISO 815
Dielectric Constant	2.9	VDE0303
Elongation at Break	290 %	ISO 37
Highest Recommended Working Temperature	200 °C	None
Intermittent Working Temperature	250 °C	None
Lowest Recommended Working Temperature	-60 °C	SEWI 700
Magnetic Pull	8.3 mm	SEWI 700
Shore Hardness (Shore A)	63 ° Shore	None
Tear Strength	22 N/mm	ASTM D624 Die B
Tensile Strength	8.5 MPA	ISO 37
Thermal Conductivity	0.24 W/m.K	VDE0304

Purposes

Food Contact Suitability

High Working Temperature

Metal Detectable

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.