

TECHNICAL DATASHEET

Material : Metal detectable silicone rubber sheeting

Color : blue (nearest Pantone – 2955U)

Property	Typical value	Test Method
Hardness	68.7 Shore A	ASTM D2240 DIN ISO 7619-1
Tensile strength	8.42 MPa	ISO 37 type 1 ASTM D412 die C DIN 53504 type S1
Elongation to failure	327%	ISO 37 type 1 ASTM D412 die C DIN 53504 type S1
Tear strength	19.1 N/mm	ASTM D624 die B
Compression set (25% for 24hrs @ 150°C)	11.2%	BS903 pt A6 type B DIN / ISO 815 type B
Magnetic pull	7.3mm (maximum travel distance)	Work instruction SEWI 700
Magnetic pull test: Sample size: 2mm x 2mm x 2mm thick Magnetic size: 20.5mm diameter, with a maximum pull of 4 kg		
Temperature range	-60°C to 200°C (and up to 250°C intermittent)	

Notes: Special silicone rubber containing additives which are visible to metal detector scanning equipment; so any rubber contamination in the product can be easily identified.

The above product has been tested to and is in compliance with the American Food and Drugs Administration (FDA) 21 CFR number 177-2600 & Directive EC 1935/2004.

It is also confirmed that this material meets the migration limits stated in EC Directive 2002/72/CE and its amendments and is specifically tested in accordance with UNE-EN 1186 “Materials and articles in contact with foodstuffs – Plastics”- Part 3 (Aqueous food stimulant) & Part 14 (fatty food stimulant).

Typical Applications: metal detectable seals, gaskets, joints and strips used in sensitive food, drink and pharmaceutical applications.

This datasheet and all the information contained in it have been made to inform our customers in the best possible way. All values are given to us by our supplier. The user is always responsible for evaluating the suitability of the product according to the specific requirements. Values may change without prior notice.