



Metal Detectable Silicone Rubber Sheet

Industrial Gaskets Metal detectable Silicone Rubber Sheet is a premium grade 60 Duro food grade and heat resistant silicone rubber sheet.

FEATURES

Industrial Gaskets Silicone Rubber Sheet is made from a premium Silicone rubber compound and will display very high temperature resistance. It will maintain its flexibility and physical properties over a wide temperature range.

Metal detectable silicone rubber contains additives which make it magnetic and visible to metal detection equipment.

Silicone has excellent ozone resistance and is UV stable making it weather resistant and suitable for outdoor use.

Industrial Gaskets detectable Silicone Rubber Sheet is tested and conforms to FDA 21 CFR 177.2600 "Rubber articles intended for repeated use". This makes it suitable for contact with dry, aqueous and fatty foods as defined by the FDA.

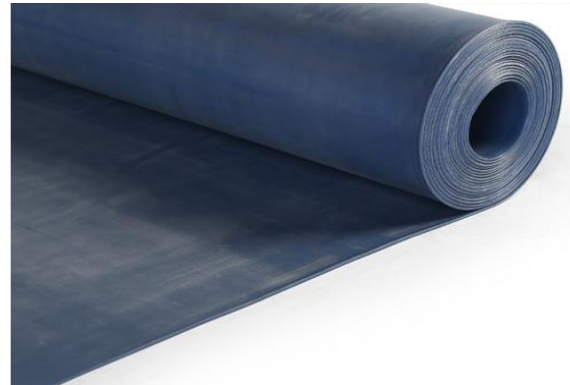
Metal Detectable Silicone Rubber Sheet is fully post cured. It is carefully produced to comply with European Commission regulations EC2023/2006 "good manufacturing practise for materials and articles intended to come into contact with food".

TECHNICAL INFORMATION

Polymer	Silicone	
Colour	Blue	
Hardness	68° ± 5° Shore A	ASTM D2240
Tensile Strength	8 MPa (min)	ASTM D412
Elongation @ Break	327% (min)	ASTM D412
Tear Strength	19N/mm (min)	ASTM D624
Compression Set 24 hrs @ 150°C	11% (Max)	ASTM D395B
Metal Detectable Properties	11.25/9.34mm (median test value)	
Temperature Range	-60°C to +200°C (continuous) Silicone can also withstand higher intermittent temperatures	
Thermal Conductivity	0.24 W.m-1 .K-1	
Brittle Point	-80°C (-112°F)	ASTM D746

AVAILABLE SIZES

Metal Detectable Silicone Rubber Sheet can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.



APPLICATIONS

Industrial Gaskets Detectable Silicone Rubber Sheet has been designed primarily for use as a flexible strip, pad, gasket or lining.

It is typically used for sealing, insulating, isolating and protecting steel or other surfaces.

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It is suitable for use in critical hygienic environments such as food, drink and pharmaceutical facilities which use metal detection equipment to eliminate possible contamination.

Its properties make it suitable for use in a wide range of applications including:

- Flange gaskets on pipes and tanks
- Transfer and joining sleeves
- Insulating strip
- Isolation barriers
- Variety of sealing applications



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Whilst every effort has been made to supply accurate information this specification should be used as a guide only. IG reserves the right to make specification changes without notice or without incurring liability.

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