

VMD24MD

Metal Detectable Silicone Sponge

General Information

Our metal detectable silicone sponge offers a great solution to applications where detecting contamination is critical. Able to be detected by metal detectors, our metal detectable silicone sponge is particularly suited to food processing lines and equipment. The material is also highly resistant to UV light, corona, arcing, ozone and weathering. Well matched to applications such as cushioning and vibration dampening, it is also used in some sealing applications.

Available in: Strips, basic extrusions, cord

Colour: Blue

Meets FDA CFR21.177.2600

General Characteristics

Properties	VGD24MD
Density	455 kg/m ³
FDA	Yes
Hardness	25 Shore A
Compression Set (22hrs @ 100°C)	<50 %
Tensile Strength (ASTM D412 C)	1.5 MPa
Temperature Range	-60°C to + 200°C
Low Temperature Brittleness @ -55°C (ASTM D746-98)	No cracks
Elongation @ Break (ASTM D412 C)	295 %
Tear Strength (ASTM D624 B)	5 kN/m

Figures given above are for guidance only and should not be used in preparing specifications. Density and Compression Set will vary with thickness and shape. Please note that these materials are not recommended for long term service where steam pressure exceeds 50 psi. Shore A data is provided as an approximate indication only due to the limitations of testing.

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