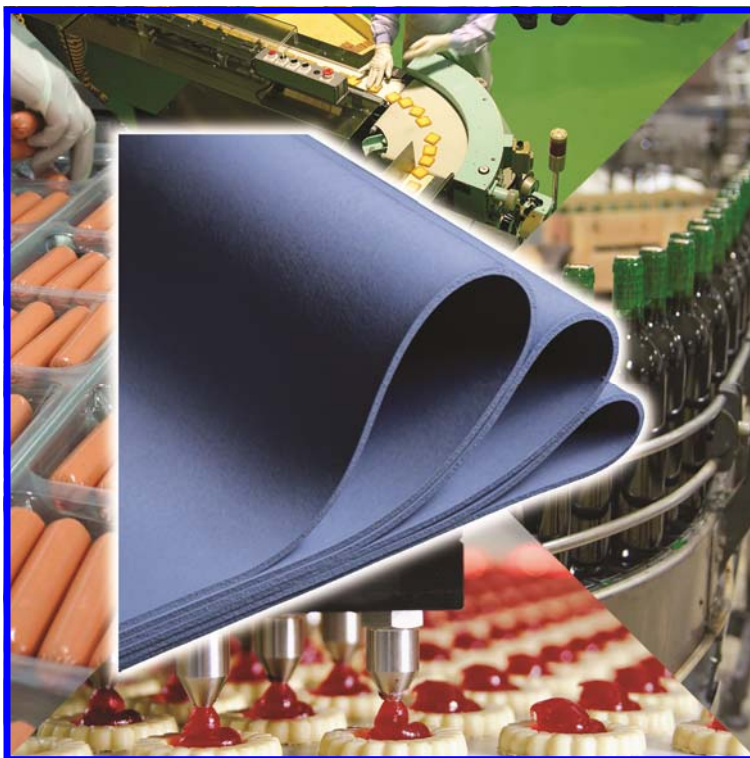


PRODUCT INFORMATION

J-FLEX 'FOOD SAFE' SILICONE SPONGE

'Food Safe' is a medium density closed cell Silicone Sponge, particularly suited to the food and beverage industries, where a soft compressible gasket material with excellent thermal stability is required.

Independently tested, 'Food Safe', complies with FDA extraction requirements for aqueous and fatty food, as required under CFR 21 177.2600. Goods intended for repeated use - see test results overleaf.



Features:-

- ★ Low compression set
- ★ Excellent resistance to weathering
- ★ Resistance to U.V. and ozone
- ★ Good thermal insulator
- ★ Closed cell
- ★ Wide temperature range: -50°C to $+200^{\circ}\text{C}$

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J-FLEX RUBBER PRODUCTS
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Physical Properties

Property	Result
Density	300Kg/m ³ (+/-65)
Elongation at Break (10mm)	225%
Compression Set: 50% Compression for 22 hrs at 70°C 10mm thick sample	15%
Tensile Strength (10mm thick)	0.85 Mpa
Tensile Strength (10mm thick)	85 newtons
Temperature Max: Continuous Intermittent Temperature Min:	200°C 225°C -50°C

Global Migration Tests FDA - CFR21 177.2600 sections e and f

Part e - aqueous foods: Distilled Water under reflux

Simulant	Time	Temperature	Result	Limit
Distilled Water	7 hours	Boiling Reflux	0.3 mg/in ²	20 mg/in ²
Distilled Water	2 hours	Boiling Reflux	0.1 mg/in ²	1 mg/in ²

Part f - fatty foods: n-hexane under reflux

Simulant	Time	Temperature	Result	Limit
n-hexane	7 hours	Boiling Reflux	9.1 mg/in ²	175 mg/in ²
n-hexane	2 hours	Boiling Reflux	3.6 mg/in ²	4 mg/in ²

Estimated uncertainty of weighing measurements: +/-0.3mg

The sample is compliant with 21 CFR 177.2600 sections e and f.

- ★ Available in Light Blue (food industry colour) or White
- ★ Food Safe can be supplied in flat sheet or as extruded seals
- ★ FDA extraction testing carried out by Rubber Consultants Ltd
- Certificate of Analysis Ref: RC22447
- ★ Sheets / Strips can be adhesive backed

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