

Specification Sheet (Superceded) / 01 A336 20lb FDA Silicone Rubber Sponge



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Product Form

Profile extrusions, sheeting, cord, joined rings, punched forms with FDA ingredients. This material is particularly suited to the food and pharmaceutical industries that need a soft, compressible material with excellent thermal stability from -50c up to +200 c

Features

- Low compression set
- Excellent resistance to weathering
- Resistance to UV and ozone
- Good thermal insulator
- Closed cell structure and sealed outer skin, suitable for air/water sealing applications
- Platinum Cured
- Excellent 'white' colour (can be pigmented in other colours)
- Mainly closed cell
- Smooth skin
- US FDA 21CFR 177.2600 compliant
- EC1935/2004 compliant
- BfR recommendation XV compliant

Applications

The inherent flexibility of the product coupled with its excellent properties means that it can be used in a range of applications across wide market offerings such as :

- High and low temperature gasket and seals
- Thermal insulation for both hot and cold applications
- Weather seals in external environments
- Food sensitive/food processing

Options

- Produced White as standard
- Available self adhesive backed
- Gaskets and joined rings can be supplied in FDA grade

Property	Unit	Value
Density	Kg/m ³	400±40
Density	Lbs/cuft	24 (+-4)
Elongation at break	%	215
Compression Set	%	15
Tensile Strength	Mpa 10mm thick	0.85
Tensile Strength	(newtons) 10mm thick sample	85
Temperature Max	?c Continuous	200
Temperature Max	?c Intermittent	200
Temperature Min	?c	-40
Toxicity NES 713 iss 3		14
Smoke Index NES 711 iss 2		46
Burn Rate BS4736:1974	mm/s	0.03

Polymer Works, Hope Street
Dudley, West Midlands DY2 8RS

t: 01384 252555

f: 01384 252373

e: technical@advancedseals.co.uk



<http://www.advancedseals.co.uk>

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Thermal Conductivity	W/m.K	0.0695
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Change Control Date	Change
4/5/16	Created



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

