

Material		Properties
Food Contact Silicone Sponge Grade FDA		Directive: EU1935/2004, 2023/2006
Technical data		Applications
General Properties	Specification Limits (Typical Value)	<p>The material is according to Reach and RoHS</p> <p>This sponge product has been formulated using only ingredients that are listed in FDA 177.2600 "Rubber articles for repeated contact with food"</p> <p>Not suitable in connection with steam (gaskets in ovens etc)</p> <p>*1 'Not Good' means when the silicone is used i.e. for gasket in container with Vegetable oil. Minor to no effect if the product is oily or have a slight oil coating.</p>
Density*	250 +/-40 kg.m ³	
Stress at 40% Compression**	90 +/-40 kPa	
Compression Set*** 50% compression 22 hours @ 70°C 24 hours recovery	15 % max	
Mechanical Properties		
Tensile Strength	0,75 N/mm ⁻²	
Elongation to Failure	100 min.	
Max. cont. Temperature	200°C	
Min. Temperature	-60°C	
Chemical Resistance		
UV, Water, Ozone	Very Good	
Vegetable Oil	Not Good*1	
Acid, Synthetic Oil	Not Recommended	
Disclaimer		Availability
<p>The information given and, in particular, any parameters, should be used for guidance purpose only.</p> <p>The Company does not give any warranty that the product will be suitable for the use intended by the Costumer.</p> <p>We reserve the right to make alternations of the data and the properties of the material without notice</p>		Sheets, cords and various profiles

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*BSENISO 845

** BSENISO 3386

*** BSENISO 1856