

## Genuine Zotek N Foam Material Datasheet

Product Code: RC02116-ZOTEKN

### Product Description

Zotek N foams feature the highest temperature resistance of any of the Zote foams available on the market. The material is able to function and maintain its useful properties in temperatures as high as 205 °C. It is also resistant to a wide variety of chemicals, particularly hydrocarbons. These two key features make this material perfect for use in harsh environments.



### Available In -



Full Rolls

Cut to strip

Bespoke  
Gaskets

### Technical Specification

Properties	Test Method	Values	
Density	BS ISO 845	36 kg/m <sup>3</sup>	52 kg/m <sup>3</sup>
Cell Size	-	0.16mm	0.25mm
Compression 25%	BS ISO 7214	110 kPa	190 kPa
Compression 50%	BS ISO 7214	180 kPa	280 kPa
Compression Set (25% ½hr)	BS ISO 7214 2012 25mm cell	15%	14%
Compression Set (25% 24hrs)	BS ISO 1856 25mm cell	13%	12%
Tensile Strength	BS ISO 1798	950 kPa	1300 kPa
Elongation at Break	BS ISO 1798	85%	70%
<b>Thermal Conductivity</b>			
Mean Temp of 0 °C	ISO 8301	-	0.0360 Wm <sup>-1</sup> K <sup>-1</sup>
Mean Temp of 25 °C	ISO 8301	-	0.0381 Wm <sup>-1</sup> K <sup>-1</sup>
Mean Temp of 50 °C	ISO 8301	-	0.0405 Wm <sup>-1</sup> K <sup>-1</sup>
Mean Temp of 80 °C	ISO 8301	-	0.0420 Wm <sup>-1</sup> K <sup>-1</sup>
Mean Temp of 130 °C	ISO 8301	-	0.0463 Wm <sup>-1</sup> K <sup>-1</sup>
Mean Temp of 170 °C	ISO 8301	-	0.0512 Wm <sup>-1</sup> K <sup>-1</sup>

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

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Properties	Test Method	Values	
<b>Flammability</b>			
Automotive	FMVSS.302	-	Pass at 4mm
Equilibrium Moisture Content	BS ISO 760	-	2.4 Weight %
Maximum Operating Temperature	-	190°C	205°C



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