



**WILLIAM JOHNSTON  
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**Black Closed Cell Expanded Neoprene WJSPA311** 

<b>Property</b>	<b>Measure</b>	<b>Value</b>
Colour	Black	
ASTM D1056	2c2	
Density	kg/m <sup>3</sup>	104/175
Compression Deflection ASTM D1056 07	kpa	35-65
Compression deflection NFR 99211	kpa	80-160
Compression set 50%/22 hrs/40°C	%	19 (%)
Water Absorption	ASTM D1056-07	=<5%
Linear Shrinkage after 7 days at 70°C		< 7 %
Ultimate Elongation	ASTM D 3575 : 2008	150 +/- 20%
Tensile Strength	ASTM D 3575 : 2008	>350
Tear Resistance	ISO 34-1 (B-a) / ASTM D624 DIE C	2.4 kn/m
Ozone Resistance	ISO-1431-1	20% Elongation/ 30°C/ 200 pphm No cracking
Fire Resistance	UL94	94 HB
Temperature Range	Continuous (7 Days)	-40°C to +100°C
Temperature Range	Intermittent (5 hours)	up to 115°C
Environmental Protection		Recyclable

<b>Change Control Date</b>	<b>Change</b>
26/07/2013	Created
23/11/22	Updated
Compression Deflection ASTM D1056-07	kpa
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**Disclaimer**

Please note, failure to select the correct materials or products we supply ("the Products") may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.