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Material Specification Sheet

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RHN 11A



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Medium Density Closed Cell Expanded EPDM Sponge

Property	Result
Colour	Black
Size - skin / skin	2000mm x 1000mm x 50mm (± 2 mm)
Compression @ 25% Deflection (kPa) ASTM D1056	20-50
Compression Deflection @ 50% (kPa) ASTM D1056-00	70-130
Density (kg/M ³) ISO 845-95	90-140
Compression Set (50% 22h) ASTM D1056-00 @ 23°C	<25%
Compression Set (50% 22h) ASTM D1056-00 @ 40°C	<80%
Water absorption, maximum change in weight (%) ASTM D1056-00	<5%
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70 °C	$\pm 30\%$
Flammability FMVSS 302	Burn Rate < 100mm
Elongation at Break (%)	>70%
Tensile Strength	>300kpa
Temperature Range (°C Low - High)	-40/+90
Temperature High Intermittent °C	+100
Resistance to Air and UV	Excellent

Can be supplied plain or complete with a self-adhesive backing applied to one face.

****The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied****

