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Material Specification Sheet

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RHN 15F



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Closed Cell Polyethylene Foam – 33kg

Description	Standard	Value	Unit
Density	ISO 845	33	Kg/m ³
Tensile Strength	ISO 1798	274	kPa
Elongation	ISO 1798	175	%
Compression 10%	ISO 844	43	kPa
Compression 25%	ISO 844	59	kPa
Compression 50%	ISO 844	120	kPa
Compression Set 0.5 Hrs	ISO 1856	17.0	%
Compression Set 24 Hrs	ISO 1856	5.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	28.0	%
Compression Set 50% 24 Hrs	ISO 1856	18.0	%
Working Temperature Range	Internal	-60/+90	°C
Water Absorption % Vol (Max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.65	g/m ² *24 Hrs
Thermal Conductivity at 10c	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40c	ASTM C177	0.0420	W/mK
Shore OO	ASTM D2240	54	OO
Flame Retardancy Standard	DIN 4102-1 B2		

Please note - If holes were created during the foaming process, no more than six holes of 2mm diameter per 1000mm² sheet are acceptable.

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

