

Specification Sheet / 01

K-Cell



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

Properties	Values	Test Methods
Cell Structure	Semi Open Cell	
Material	Nitrile Foamed Rubber	
Density	40kg/m ³ - 100kg/m ³ (various with respective thickness)	
Fire Resistance Surface Spread of Flames Reaction to Fire	Class 1 V-0, Self-extinguishing, Does not Drip	BS 476 Part 7 UL94
Thermal Conductivity W/m·K (Btu . in/hr . ft ² . °F)	0.045 (0.31)	ASTM C518
Tensile Strength Elongation Compression Set	> 200 kPa > 175 % < 6.00 %	ASTM D3574 ASTM D3575
Ozone Resistance	Good	
Environment	Dust & Fibre Free, CFC Free, Zero ODP & GWP	
Corrosion Resistance	No Corrosion	

Acoustice Performance

Based on 1" (25mm) Thickness

Octave Frequency	Sound Absorption Coefficient	Test Methods
125 Hz	0.06	ASTM C423
250 Hz	0.16	ASTM C423
500 Hz	0.67	ASTM C423
1000 Hz	0.58	ASTM C423
2000 Hz	0.69	ASTM C423
4000 Hz	0.62	ASTM C423
NRC	0.55	ASTM C423

Change Control Date	Change
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The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

