

CUSHIONING PRESS PADS FOR WOOD LAMINATION

WELCOME TO CARDEL LTD

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■ ■ ABOUT CARDEL

At Cardel, we are more than just a leading manufacturer and innovator - we are your trusted partner. With almost 30 years of experience in producing materials, lamination tools and consumables for the manufacture of products like wood laminates, bank cards and printed circuit boards, we understand the level of detail that goes into every project. That is why we go beyond supplying premium products; we offer tailored solutions designed to meet specific customer needs. From expert advice to hands-on problem solving, our dedicated team will work with you every step of the way to ensure exceptional results.

Our Industrial Lamination solutions are designed to support a wide range of sectors, including wood lamination, PCB manufacturing, fuel cells, automotive and aerospace applications. As well as cushioning press pads, we offer high-quality separator plates, thermal adhesives and release films, tailored to meet the specific demands of each industry.



CUSHIONING PRESS PADS

Cardel's wood lamination solutions are crafted to enhance the quality and durability of laminated wood products. We offer precision-engineered lamination pads, ensuring seamless bonding and flawless finishes. Ideal for applications in furniture manufacturing and other wood-based industries



PRESS PADS - C220

Cardel Cardlam™ 220 pads are high efficiency lamination pads. They are constructed from grey silicone with structural reinforcement and have a patterned surface.

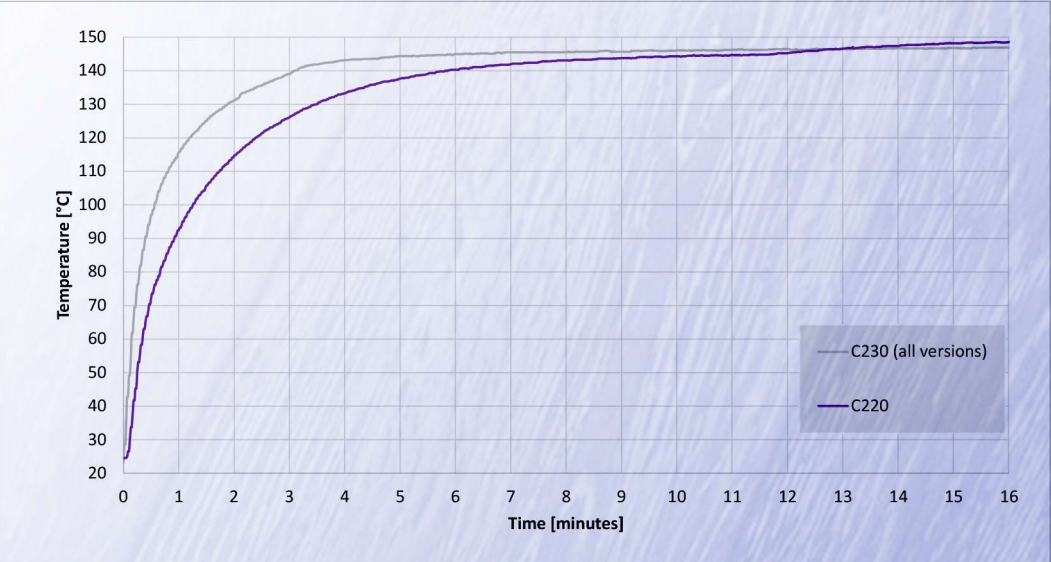
Cardel™ C220 version is stocked as standard, enabling us to offer a rapid made-to-order service for this product.



C220 TECHNICAL INFORMATION

Construction:	Grey Silicone with structural reinforcement and patterned surface
Thickness:	2.0 mm
Areal weight:	3000 g/m2
Size tolerance:	+/- 1mm
Squareness:	+/- 2mm per m
Operating temperature:	Up to 210C (continuous); up to 220C (peak)

HEAT TRANSFER PROFILE



PRESS PADS - C230

Cardel Cardlam™ 230-J pads are highly heat conductive metallised silicone lamination pads offering increased productivity, improved handling and exceptional durability.

The reinforced silicone elements provide excellent cushioning, ensuring even pressure across the platen, while copper wires ensure excellent heat conductivity.

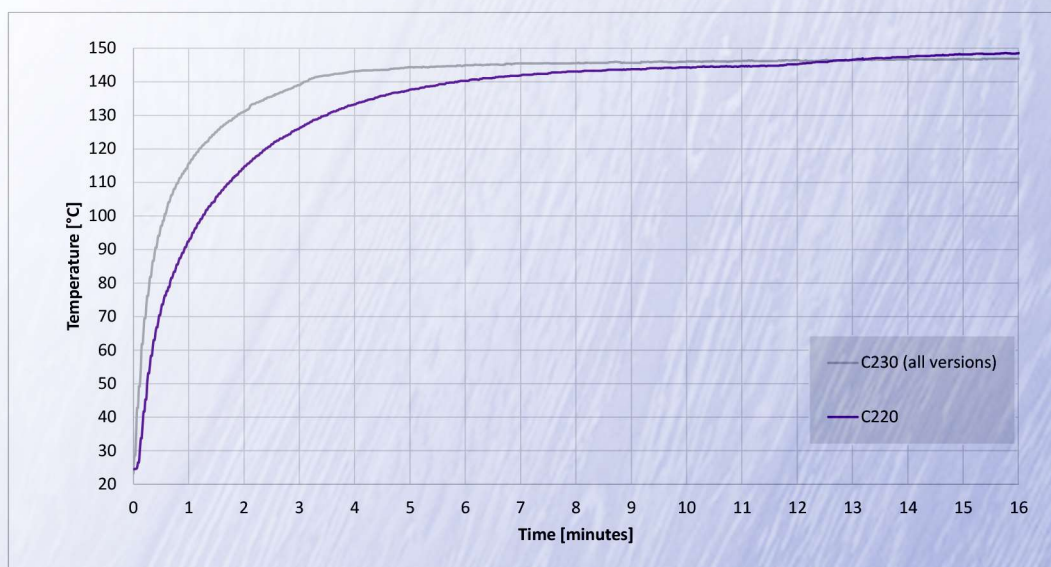


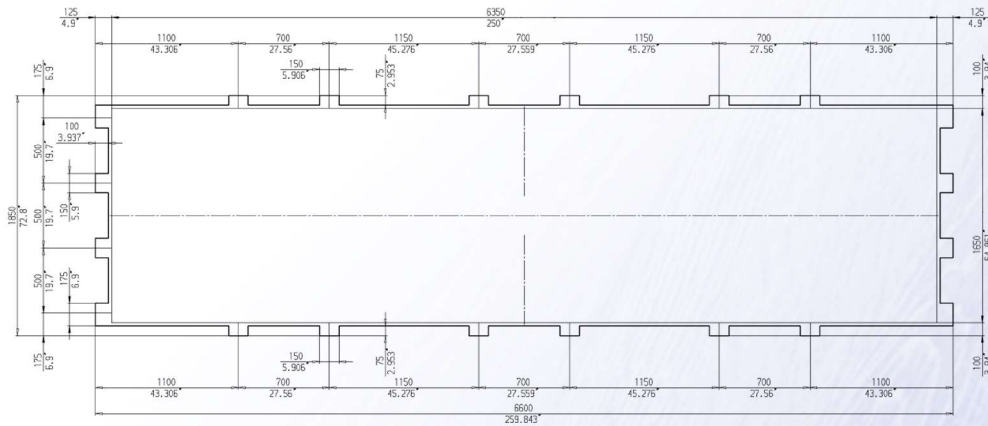
They are available in three variants - J9, J11 & J13, corresponding to 9, 11 and 13 copper strands. Cardel™ C230 J11 version is stocked as standard, enabling us to offer a rapid made-to-order service for this product.

C230-J9, J11 & J13 TECHNICAL INFORMATION

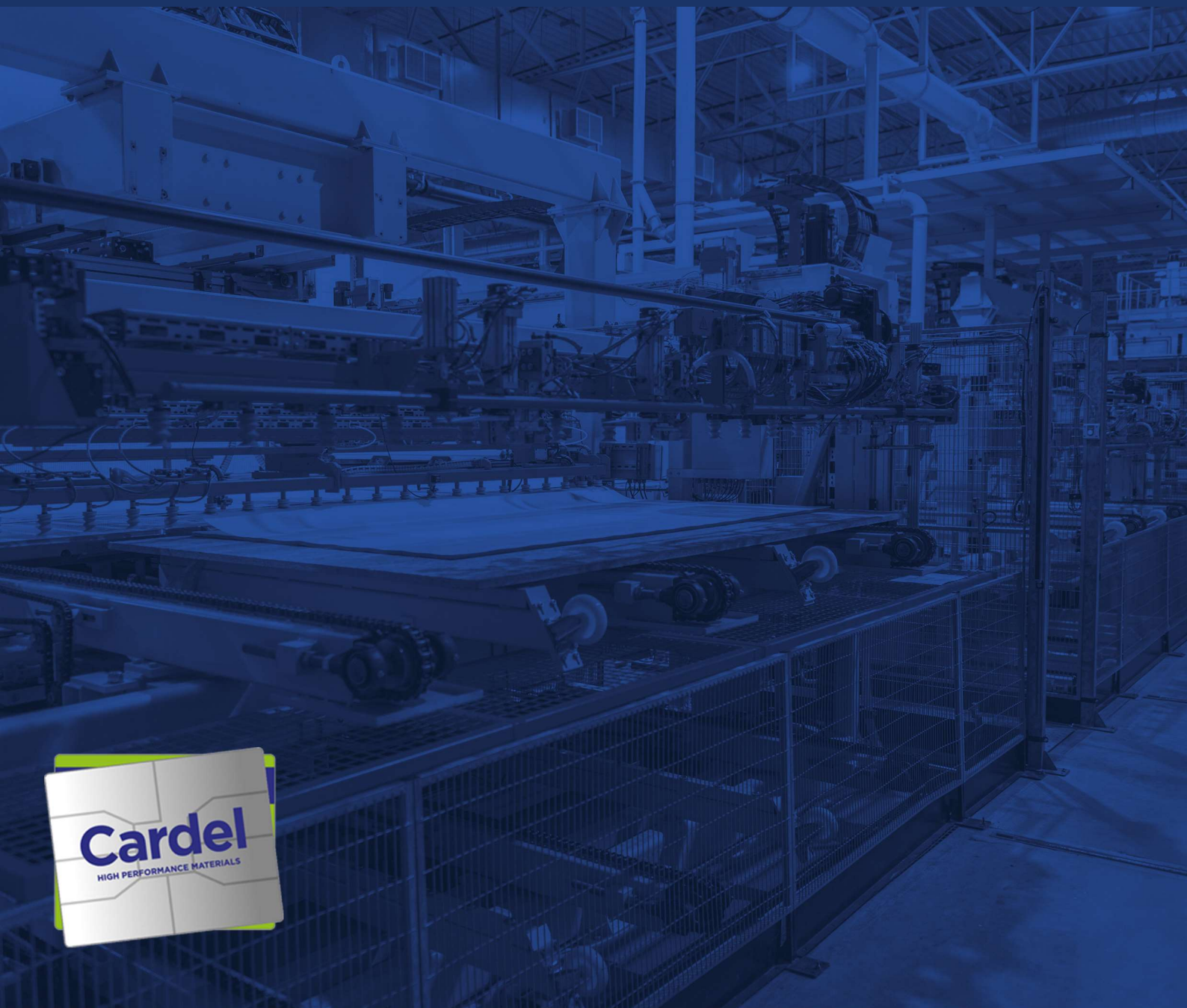
Construction:	Highly conductive woven pad incorporating reinforced silicone and copper filaments - standard J11 = 11 strands. Options: J- = 9 copper strands & J13 = 13 strands
Thickness:	2.3 - 2.5mm
Areal weight:	Standard 5100 g/m ² (J11). Options: 4900 g/m ² (J9) & 5300 g/m ² (J13)
Size tolerance:	+/- 3mm
Squareness:	+/- 5mm per m
Operating temperature:	Up to 210C (continuous); up to 230C (peak)
Shrinkage:	3 - 4% on initial use

HEAT TRANSFER PROFILE





We stock our standard C220 and C230 J11 pad materials in bulk and can react to bespoke orders for these items rapidly and efficiently.



For more information on our product range, or to request a quotation, contact our sales team sales@cardel.co.uk

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