



Technical Data Sheet

MC BOARD 245 PD-MCB245-ST

MC Board 245gsm Supertack Adhesive – Digital Multipurpose (Laser/Copier/Indigo)

A white **Machine Coated Board 240gsm** surface for excellent high quality print results. Available with Supertack adhesive specially formulated to stick to a variety of surfaces.

The sheet is designed to give trouble free running across a wide range of machines including:
HP Indigo, Xerox iGen & Docucolor, Canon, Kodak NexPress, OCE, Konica Minolta and other sheet fed digital printers.

Approvals: The adhesive complies with FDA 21 CFR 175.105 for contact with foodstuffs.
The backing paper meets the European Toy Regulation EN71/3:2013 “Safety of Toys” – Migration of certain elements.

Face material properties

Grammage 240 gsm ±12
Caliper (thickness) 400 microns ±18

Adhesive

A water based emulsion acrylic Supertack, with high tack adhesion on a wide range of surfaces.

Application temp.	Min +5°C to +40°C	Peel adhesion	15.7 N/inch±2 FINAT1
Operating temp.	-15°C to +80°C	Shear test	4h±2 FINAT8
		Quick stick	13.7 N/inch±4 FINAT9

Shelf Life and Storage Conditions

Two (2) years from delivery date when stored at the following conditions:

<input type="checkbox"/> Temperature +5°C/+35°C	<input type="checkbox"/> Store away from heaters or direct sunlight or rain
<input type="checkbox"/> Relative Humidity 45% - 60%	<input type="checkbox"/> Keep the sheets flat
<input type="checkbox"/> Store in a cool dry place	<input type="checkbox"/> Store in the original packaging

Backing

One side coated white kraft solventless silicon coated with good lay-flatness & stability characteristics.

Grammage	85 gsm ±3	ISO 536
Caliper (thickness)	87 microns ±5	ISO 534

Total Thickness of Construction 346microns ±5% **Total Weight of Construction** 502gsm±5%

Printing tips: Always trial new materials to determine suitability for printing and application. Remember to use the correct thickness settings for this material.

Disclaimer:
All materials in the Perfect Digital range are manufactured to the highest quality standards and controls. Any material showing an evident manufacturing defect will be replaced promptly without charge. All statements, technical information and recommendations are based on industry standard tests procedures and practical experiences and believed to be reliable but do not constitute a guarantee or warranty. Preliminary tests are recommended for each new application. All information subject to change without notice