



## EXPERT 17B – 170g/m<sup>2</sup> Blue matt film

Expert 17B is a 170gsm 2-side blue matt aqueous coated polyester film, optimised for Production & Digital Press print applications.



### Physical characteristics

Property	Typical Value	Unit	Test Method
Weight	170 +/- 5	gsm	Internal Method
Thickness	130 +/- 5	μ	Electronic Micrometer
Opacity	>81	%	TAPPI T519
Gloss 60°	<4	%	BYK Gardner
Shrinkage	MD <0.37 TD >0.1	%	5 minutes @ 150° C (297mm length)
Tensile Strength	MD 18 TD 20	KgF/mm2	ASTM D882-83
Elongation at break	MD 180 TD 120	%	ASTM D882-83
Melting Point	250	° C	ASTM E794-85
Usage Temperature	-40 to +120	° C	Internal method

Availability	Sheets/Pack
A4	100/500
A3	100/250
SRA3	100/250
Recommended conditions	
For use	10° C – 30° C, 40% - 55% RH
For storage	10° C – 20° C, 20% - 55% RH
Shelf life	24 months after delivery (under recommended storage conditions)

### Compatibility

Suitable for most thermal transfer and dry toner (laser/LED/flash fusion) print processes, both mono and colour small-volume, mid-volume & production machines. On such machines the user must establish for themselves the optimum settings and paper path, being aware of the thickness and weight of the material. The printable surface is also suitable for screen print, offset litho (using only fully oxidising inks).

### Applications and characteristics:

It has a smooth matt blue surface giving a strong dense image with excellent print adhesion and can be printed on both sides where equipment allows.

- ✓ Water resistant, wipeable and punchable.
- ✓ Ideal for presentations and signs - no protection necessary!
- ✓ Can also be used to create instruction manuals & documents for use in harsh environments and replaces the need for paper to be printed and then encapsulated.

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