



### EXPERT 85BK – 85g/m<sup>2</sup> Deep black permanent sticker on paper release liner

Expert 85BK is a 85g/m<sup>2</sup> deep black matt aqueous coated polyester film, with a permanent pressure sensitive adhesive laminated to a 140gsm kraft paper release liner. The construction is optimised for dry toner print applications.



#### Physical characteristics

Property	Typical Value	Unit	Test Method
Total Thickness	225 +/- 6	μ	Electronic micrometer
Weight	249 +/- 6	gsm	Internal method
Face Film Thickness (no adhesive)	70 +/- 2	μ	Electronic micrometer
Liner Thickness	140 +/- 10	μ	Electronic micrometer
Gloss 60°	<4	%	BYK Gardner
Opacity	>99	%	TAPPI T519
Tensile Strength (Face)	MD 14 TD 17	KgF/mm <sup>2</sup>	ASTM D882-83
Melting Point	250	° C	ASTM E794-85
Adhesive Peel on Stainless Steel	>12	N/25mm	FINAT 1 (30min dwell)
Adhesive Application Temperature	+ 5 to + 50	° C	Internal method
Adhesive Service Temperature	-20 to +60	° C	Internal method

#### Availability

Availability	Sheets/Pack
A4	50/500
A3	50
SRA3	50/250

#### Recommended conditions

For use	10° C – 30° C, 40% - 55% RH
For storage	10° C – 20° C, 20% - 55% RH
Shelf life	18 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

- ✓Tear resistant, high stability, water resistant front face.
- ✓Ideal for signage and rugged labelling and for use with white and metallic toners.
- ✓Matt surface promotes toner adhesion and smoothest imaging on a wide range of toner based printers.
- ✓High grab, high-tack permanent acrylic pressure sensitive adhesive for long duration.
- ✓Jet Black appearance with 99+% opacity.
- ✓Heavy weight stabilized paper liner, suitable for long print runs.

**NOTICE:** The information provided herein is correct to the best of our knowledge. No liability for any errors, facts or opinions is accepted. You must satisfy yourself as to the suitability of this product for your application. No responsibility for any loss as a result of any person placing reliance on any material contained herein can be accepted.