

EXPERT 36EF – 344/m² Efficiency Grade Recycled Synthetic Paper

Expert 36EF is a 344gsm 2-side white matt aqueous coated recycled polyester film, optimised for Production & Digital Press print applications.



Physical characteristics

| Property | Typical Value | Unit | Test Method |
|---------------------|--------------------|---------|--|
| Weight | 344 +/- 5 | g /m2 | Internal Method |
| Thickness | 240+/- 5 | µ | Electronic Micrometer |
| Opacity | >97 | % | TAPPI T519 |
| CIE Whiteness | >110 | CIE WI | ASTM E313 DCI Spectraflash (D65, 10° observer, UV incl.) |
| Gloss 60° | <4 | % | BYK Gardner |
| Shrinkage | MD <1.3 TD <0.4 | % | 5 minutes @ 150° C (297mm length) |
| Tensile Strength | MD 14 TD 15 | KgF/mm2 | ASTM D882-83 |
| Elongation at break | MD 115 TD 90 | % | ASTM D882-83 |
| Melting Point | 250 | ° C | ASTM E794-85 |
| Usage Temperature | -40 - +120 | ° C | Internal method |

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 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 book covers, plant labels, diving instructions, POP/POS signage, certificates - no lamination necessary!
- ✓ Can also be used to create menus, tags, business cards & documents for use in harsh environments, and replaces the need for paper to be printed and then encapsulated.
- ✓ Ideal where strength & a heavyweight feel are required.

| Availability | Sheets/Pack |
|-------------------------------|---|
| 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) |

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