

EXPERT 28 – 280g/m² Synthetic Paper

Expert 28 is a 280gsm 2-side white matt aqueous coated polypropylene film, optimised for Production & Digital Press print applications.



Physical characteristics

| Property | Typical Value | Unit | Test Method |
|-------------------|--------------------|--------|--|
| Total Thickness | 249 +/- 7 | μ | Electronic micrometer |
| Weight | 285 +/- 8 | gsm | Internal method |
| Opacity | >97 | % | TAPPI T519 |
| CIE Whiteness | >87 | CIE WI | ASTM E313 DCI Spectraflash (D65, 10° observer, UV incl.) |
| Gloss 60° | <4 | % | BYK Gardner |
| Shrinkage | MD <0.6 TD <0.2 | % | 5 minutes @ 150° C (297mm length) |
| Tensile Strength | MD 3500 TD 3000 | psi | ASTM D882-83 |
| Melting Point | 160 | ° C | ASTM E794-85 |
| Usage Temperature | -40 to +120 | ° C | Internal Method |

| 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) |

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 flash cards, shelf strips, parking permits, exhibition displays - no lamination necessary!
- ✓ Can also be used to create menus, tags, business cards, shelf strips & documents for use in harsh environments and replaces the need for paper to be printed and then encapsulated.

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.