

Expert 27TL - 270gsm Translucent Film

AppFactory Expert 27TL is a 270gsm 2-side aqueous lightly diffused coated polyester film, optimised for dry toner print applications

Physical characteristics

| Property | Typical Value | Unit | Test Method |
|---------------------|---------------------|---------|--------------------------------------|
| Weight | 268 +/- 4 | gsm | Internal Method |
| Thickness | 195 +/- 5 | μ | Electronic Micrometer |
| Opacity | 35 +/- 1 | % | TAPPI T519 |
| Gloss 60° | <4 | % | BYK Gardner |
| Shrinkage | MD <1.0 TD <0.35 | % | 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 to 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 lightly diffused surface giving a strong image with excellent print adhesion and can be printed on both sides where equipment allows.

- ✓ Water resistant, wipeable and punchable.
- ✓ Ideal for creative market leaflets, advertisement displays, light box displays, schematics. No protection necessary!
- ✓ Also highly suitable for applications, such as, Frosted Binder Covers and Menu or Wine List inserts.

| 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) |

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