

# Matt White Film 110HWLD

110HWLD is a performance grade 110 µ 2-side matt aqueous coated polyester film, optimised for dry toner print applications.

| Property            | Typical Value       | Unit                | Test Method  |
|---------------------|---------------------|---------------------|--|
| Total Thickness     | 110 +/- 5           | µ                   | Electronic micrometer  |
| Weight              | 160 +/- 4           | gsm                 | Internal method  |
| Opacity             | >96                 | %                   | TAPPI T519   |
| CIE Whiteness       | >110                | CIE WI              | ASTM E313<br>DCI Spectraflash<br>(D65, 10° observer, UV incl.) |
| Gloss 60°           | <4                  | %                   | BYK Gardner  |
| Shrinkage           | MD -0.37<br>TD +0.1 | %                   | 5 minutes @ 150°C<br>(297mm length)                            |
| Tensile Strength    | MD 14<br>TD 17      | kgF/mm <sup>2</sup> | ASTM D882-83   |
| Elongation at break | MD 120<br>TD 120    | %                   | ASTM D882-83   |
| Melting Point       | 250                 | °C                  | ASTM E794-85   |

- Performance grade for cost conscious applications
- Matt white opaque suitable for full colour duplex printing
- Waterproof, tear-proof, greaseproof, can be hole punched
- Ideal for documents where strength & light weight are required
- No need to laminate

## Compatibility Guidance

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.

## Recommended Conditions

|           |               |               |
|-----------|---------------|---------------|
| Printroom | 10°C - 30°C   | 40% - 55% RH  |
| Usage     | -40°C - 120°C | 10% - 100% RH |
| Storage   | 10°C - 20°C   | 20% - 55% RH  |

Please return unused product to its original packaging

Shelf Life: 24 months after delivery (under recommended storage conditions)

Kernow Coatings Ltd  
 Kernick Road  
 Penryn, Cornwall  
 TR10 9DQ  
 United Kingdom

www.kernowcoatings.com  
 sales@kernowcoatings.com  
 T: +44 (0)1326373147  
 F: +44 (0)1326376614

Registered in England  
 No. 1092182  
 A Member of the Sensitiser  
 Group of Companies

The information provided herein is correct to the best of our knowledge. No liability for any errors, facts or opinions is accepted. We recommend users make their own assessments to satisfy themselves as to the suitability of this product for their application.