

# HydroPrint Matt White Desktop F100TPHV

F100TPHV is a 120µ 2-side matt aqueous coated polyester film, optimised for dry toner print applications.

## Physical characteristics

| Property            | Typical Value        | Unit                | Test Method   |
|---------------------|----------------------|---------------------|---|
| Total Thickness     | 118 +/- 4            | µ                   | Electronic micrometer   |
| Weight              | 160 +/- 5            | g/m <sup>2</sup>    | Internal method   |
| Opacity             | >96                  | %                   | TAPPI T519  |
| CIE Whiteness       | >140                 | 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  |

### Compatibility:

Suitable for most thermal transfer and dry toner (laser/LED/flash fusion) print processes and optimised for smaller desktop machines, both mono and colour, small and mid-volume.

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.

### 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, wipe-able and punch-able.
- Ideal for presentations and signs - no protection necessary!
- Can also be used to create instruction manuals or documents for use in harsh environments, and replaces the need for paper to be printed and then encapsulated.

**Recommended conditions for use:** 10°C - 30°C, 40% - 55% RH

**for 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)

Rev: EU 11/07

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