

# HydroJet Universal Matt Aqueous Inkjet Film F190CML

## Product Data



Issue EU 7-08

**Product type:** Print receptive polyester film - Aqueous Dye / Pigment Inkjet

**Appearance:** White

**Surface finish:** Matt

### Physical characteristics:

| Property            | Typical Value  | Unit                | Test Method           |
|---------------------|----------------|---------------------|-----------------------|
| Total Thickness     | 190 +/- 5      | μ                   | Electronic micrometer |
| Weight              | 238 +/- 5      | g/m <sup>2</sup>    | Internal method       |
| Gloss 60°           | <4             | %                   | BYK Gardner           |
| Opacity             | >99            | %                   | TAPPI T519            |
| CIE Whiteness Index | >98            | CIE WI              | ISO 11475 UV exc      |
| Tensile Strength    | MD 14<br>TD 15 | KgF/mm <sup>2</sup> | ASTM D882-83          |

### Compatibility:

|       | Large Format   |              | Desktop |
|-------|----------------|--------------|---------|
|       | Dye Inks       | Pigment Inks |         |
| HP    | *** <b>(1)</b> | ***          | ***     |
| EPSON | ***            | ***          | ***     |
| CANON | ***            | ***          | ***     |

\*\*\* = Excellent \* \*= Good \*=Fair

### Applications and characteristics

- Dimensionally stable polyester film base, with excellent light blocking properties and a robust feel.
- Fast drying images are water resistant.
- Suitable for dye and pigment inks.
- Ideal for Roll-Up displays and applications requiring light blocking performance.
- We would recommend that ONLY cold pressure sensitive laminate films be used to protect this product against environmental influences

**Caution: (1)** It has been noted with Hewlett Packard 5000 series machines, using HP dye inks to print mixed colours containing less than 50% magenta, that the magenta fades quickly with light exposure causing a colour shift. Tests have, however, shown this also to be the case with most other synthetic materials. If this is a concern, you must satisfy yourself as to the suitability of this product for your application or switch to pigment-based (HP UV) inks, where light-stability is much better.

**Recommended conditions for use:** 10°C - 30°C, 30% - 70% RH  
**for storage:** 10°C - 30°C, 20% - 50% RH

**Please return product to its original packaging when not in use**

**Shelf Life:** 18 Months (under recommended storage conditions)

**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.

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