



# WIDE FORMAT INKJET MATTE LIGHTBLOCK FILM



Polyester film optimized for solvent, eco-solvent, Latex and UV-cured inkjet print applications.

- Stable, durable roll-up graphic material
- Anti-reflective surface has optimum ink adhesion, scratch and water resistance
- Lightblocking antistatic gray back coat for >98% opacity against rear lights

## MATTE LIGHTBLOCK FILM

| WEIGHT<br>CALIPER/GSM | MICRONS | LINER | WIDTH<br>INCHES | WIDTH<br>MM | LINEAL<br>FEET | CORE | CODE<br>NUMBER |
|-----------------------|---------|-------|-----------------|-------------|----------------|------|----------------|
| 6.5/234               | 165     | -     | 36              | 914         | 13             | 3    | 67-83320       |
|                       | 165     | -     | 36              | 914         | 100            | 3    | 83320          |
|                       | 165     | -     | 42              | 1067        | 100            | 3    | 83321          |
|                       | 165     | -     | 50              | 1270        | 100            | 3    | 83322          |

Visit [mohawkconnects.com](http://mohawkconnects.com) for more complete stocking info.

## COMPATIBILITY

| SOLVENT/<br>ECO SOLVENT | LATEX | UV CURED |
|-------------------------|-------|----------|
| ✓✓✓                     | ✓✓✓   | ✓✓✓      |

- ✓✓✓ *Excellent*  
✓✓ *Good*  
✓ *Fair*  
✗ *Not Compatible*

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## TYPICAL PERFORMANCE VALUES

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material or his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

Ink dry time: rapid drying depending upon type and amount of ink, relative humidity and temperature

Chemical resistance: not designed to be chemical resistant

Handling requirements: due to absorptive nature of the coating, avoid touching the coated surface with bare skin. Always wear chemical resistant gloves when handling inkjet-coated materials. Rolls are supplied with the coated surface wound out.

Durability outdoor: not designed for permanent outdoor use

Solvent resistance: not designed to be solvent resistant

Printing temperature: 59 - 86°F / 30 - 65%RH

Display use: -40 - 176°F / 10 - 90%RH

Ideal storage conditions: 50 - 68°F / 20 - 50%RH

Shelf life: two years at ideal storage conditions, stored in original packaging

## PHYSICAL CHARACTERISTICS

| PROPERTY            | TYPICAL VALUE | UNIT                | TEST METHOD           |
|---------------------|---------------|---------------------|-----------------------|
| Total Thickness     | 6.5 +/- 0.2   | Mil                 | Electronic micrometer |
| Weight              | 234 +/- 5     | G/m <sup>2</sup>    | Internal method       |
| Gloss 60°           | <4            | %                   | BYK Gardner           |
| Opacity             | >98           | %                   | TAPPI T519            |
| CIE Whiteness Index | >95           | CIE WI              | ISO 11475             |
| Tensile Strength    | MD 14         | kgF/mm <sup>2</sup> | ASTM D638             |
|                     | TCD 15        |                     |                       |
| Melting Point       | 482           | °F                  | ASTM E794-85          |

## CAUTION

We recommend that users fully test and make their own assesment as solvent inks can vary widely. This is more dependent on ink manufacturer and type than it is on the printing hardware.

**For more information contact your paper merchant or Mohawk Digital Specialist.**

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All statements, technical information and recommendations about Mohawk products are based upon tests beblieved to be reliable but do not constitute a guarantee or warranty. The purchaser must independently determine the suitability of this product for its purposes. See Mohawk Electronic Printing Guarantee for further details.

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