

## IJ317 – MaxColourOptically Clear Film 110mic

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|-------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product     | Description         | A 110micron Glossy, ultra-clear polyester film with removable white side stripes. The unique MaxColour inkjet coating allows for the heaviest ink weights using pigmented inks to give the widest colour gamut available. The removable white side stripes allow the printers' media recognition sensors to 'see' the film enabling easy loading. This film is not water resistant. |
|             | Compatibility       | Dye and Pigment water-based inks                                                                                                                                                                                                                                                                                                                                                    |
| Application | Usage               | Colour overlays, POS advertising, Packaging, Label sampling                                                                                                                                                                                                                                                                                                                         |
|             | Indoor              | Suitable for overlays, window advertising, packaging and label sampling                                                                                                                                                                                                                                                                                                             |
|             | Outdoor             | This film will need to be protected with a laminate to be waterproof.                                                                                                                                                                                                                                                                                                               |
|             | Lamination          | Cold (or warm) lamination recommended to protect the media from abrasion, moisture and to decrease image fading. Prints must be completely dry prior to lamination—depending on ink weight, allow a minimum of 24 hours. Maximum temperature 90°C                                                                                                                                   |
|             | Method              | To achieve optimal results the highest printer / RIP quality settings are required.                                                                                                                                                                                                                                                                                                 |
| Structure   | Base material       | Clear PET polyester film with a clear inkjet coating                                                                                                                                                                                                                                                                                                                                |
|             | Appearance          | Transparent, glossy film                                                                                                                                                                                                                                                                                                                                                            |
| Technical   | Weight              | 150 gsm                                                                                                                                                                                                                                                                                                                                                                             |
|             | Thickness           | 110 microns                                                                                                                                                                                                                                                                                                                                                                         |
|             | Gloss (60°)         | 90%                                                                                                                                                                                                                                                                                                                                                                                 |
|             | Opacity             | > 5%                                                                                                                                                                                                                                                                                                                                                                                |
|             | Optical brighteners | Yes                                                                                                                                                                                                                                                                                                                                                                                 |
|             | CIE Whiteness       | > 80%                                                                                                                                                                                                                                                                                                                                                                               |
|             | Stability           | Excellent                                                                                                                                                                                                                                                                                                                                                                           |
| Storage     | Temperature         | 10-30°C                                                                                                                                                                                                                                                                                                                                                                             |
|             | Humidity            | 30-65% RH                                                                                                                                                                                                                                                                                                                                                                           |
| Size        | Roll (30m length)   | 610mm, 914mm, 1067mm (2" core)                                                                                                                                                                                                                                                                                                                                                      |
|             | Sheets              | n/a                                                                                                                                                                                                                                                                                                                                                                                 |
| Notes       | Samples             | A4 and 2m samples available on request.                                                                                                                                                                                                                                                                                                                                             |
|             | Specification       | This data sheet does not constitute a guaranteed specification and is given in good faith. Users of this product are encouraged to evaluate under the specific application and environmental conditions to which the product will be used.                                                                                                                                          |

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| Intended use           | Overlays, window advertising, packaging and label sampling                                                                                                                                                                                                                                                                                                                                                                                                               |
| Structure              | Clear polyester film with a specialised coating that is receptive to both dye and pigment water-based inks                                                                                                                                                                                                                                                                                                                                                               |
| Storage                | The product should be kept in the original packaging (cardboard box and PE bag). Storage conditions of 10-30°C and 30-65% RH are recommended.                                                                                                                                                                                                                                                                                                                            |
| Health & safety        | According to our experience, no damage to health has ever been reported or is to be expected, if used as intended.                                                                                                                                                                                                                                                                                                                                                       |
| Fire hazard            | Wearing of self-contained breathing apparatus is recommended because, as with organic materials in general, formation of carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ) could occur.                                                                                                                                                                                                                                                                         |
| Waste disposal         | Small quantities may be disposed of with normal household waste. Larger quantities should be disposed of according to local or national government regulations. We recommend to contact your responsible waste management company.                                                                                                                                                                                                                                       |
| Regulatory information | <p>This product is not subject to the regulations on transport and labelling that apply to dangerous substances.</p> <p>This product is in compliance with RoHS directive 2011/65/EU.</p> <p>The product is in compliance with REACH Regulation (EC) No 1907/2006.</p> <p>According to REACH this product is an article. Substances of very high concern (SVHC, candidate list of the 2017-01-12), in concentrations above 0.1 wt-%, are not used in the production.</p> |
| Additional Information | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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