

## IJ307 – PosiPrint™ Matte Separation Film 160mic

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| Product     | Description       | A 160micron Matte, polyester film with a microporous coating. Designed for creating high-resolution colour separations used in screen stencil or platemaking production. The additional thickness plus enhanced matte coating provides greater accuracy and ease of use. It has excellent dot sharpness and good water resistance. Solid blacks are produced with a Dmax UV of 3.2 – 3.99. Note: The film is not crystal clear but has a slight milky appearance. |
|             | Compatibility     | Dye and Pigment water-based inks                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application | Usage             | Colour separation film for exposing to light sensitive Screens or Printing Plates                                                                                                                                                                                                                                                                                                                                                                                 |
|             | Indoor            | A reprographic film to produce positive or negative separations used for exposing to UV light sensitive printing plates and screen stencils                                                                                                                                                                                                                                                                                                                       |
|             | Outdoor           | Not for outdoor use                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|             | Lamination        | Can be cold laminated to protect the image from abrasion and fading                                                                                                                                                                                                                                                                                                                                                                                               |
|             | Conditions        | 15-30°C at 40-60% RH                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|             | Method            | To achieve optimal results the highest printer / RIP quality settings are required.                                                                                                                                                                                                                                                                                                                                                                               |
|             |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Structure   | Base material     | PET polyester film with a nanoporous coating                                                                                                                                                                                                                                                                                                                                                                                                                      |
|             | Appearance        | This film has a slightly 'milky' appearance and is not crystal clear.                                                                                                                                                                                                                                                                                                                                                                                             |
| Technical   | Weight            | 230 gsm                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|             | Thickness         | 160 microns                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|             | Opacity           | 5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|             | Dmin UV           | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|             | Dmax UV           | 0.06 - 0.12 (depending on densitometer characteristics)                                                                                                                                                                                                                                                                                                                                                                                                           |
|             | White Point       | 3.2 - 4.0 (depending on ink system, RIP settings and densitometer characteristics)                                                                                                                                                                                                                                                                                                                                                                                |
|             | Stability         | Excellent                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage     | Temperature       | 10-25°C                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|             | Humidity          | 30-60% RH                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Size        | Roll (30m length) | 432mm, 610mm, 1118mm (3" 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.                                                                                                                                                                                                                        |