



Torrent JetFilm System

Inkjet film technology for a wide range of printing applications

With new imagesetters no longer available, printers whose livelihoods depend on film-based workflows, need an alternative solution. By partnering with Highwater, Marlowe Digital has created an alternative, low-cost solution that will produce high quality films for screen, flexo and offset production. This not only minimises investment dollars and saves money on the cost of ownership but also reduces carbon footprint through process-less and clean operation.

The Torrent JetFilm system combines the accuracy of standard Epson printers with a unique black ink formulation, a dimensionally-stable, translucent media and the imaging power of a Torrent RIP.

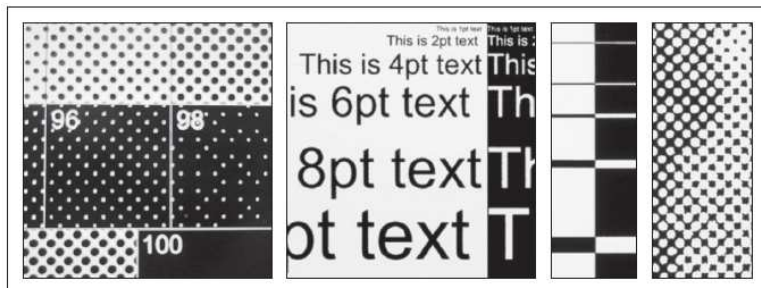
Together these components bring the following features and benefits:

- 🔥 Media to suit a broad range of output requirements from 17" (432mm) to jumbo sizes
- 🔥 Selectable speed options through multiple black channels (one, two or four)
- 🔥 Fast drying even in solid areas - no pinholes
- 🔥 High accuracy and density with low spread black inks - Dmax > 4.5
- 🔥 Robust results - temperature, moisture and scratch resistant media
- 🔥 Consumables for Flexo, Screen and Commercial applications
- 🔥 RIP software optimized for halftone, line and text quality output
- 🔥 Considerable cost reductions



Media

Designed to dry Torrent JetInk almost instantly, due to their micro porous coating, Torrent JetFilms are perfect for the creation of high resolution positives or negatives for screen, offset and flexo production. The coating works in conjunction with the high-density inks to give excellent sharpness to halftone dots and text edges. The dimensional stability of the substrate ensures accurate registration of multiple separations on either gloss film or matte film for flexo applications.



Inks

Providing 'light-tight' imaging with a Dmax greater than 4.5, Torrent JetInks have been specially formulated for accuracy, fast drying on Torrent JetFilms. With images that will not fade over time that are temperature and moisture and scratch resistant, they produce separations or single-colour films that will last indefinitely and need no chemical post processing.

RIP

The Torrent RIP is known for outstanding screening quality, its user friendly interface, high end-to-end productivity and comprehensive features. These include many, specifically geared to the JetFilm solution, which optimises film output through the control of ink density and ink spread. To preserve fine line and reverse-out detail the RIP uses special techniques, including micro-weave fading, dot edge protection, vector outline control and dynamic density modulation. These allow the RIP to compensate for the ink spread usually associated with inkjet printing and achieve band-free image quality and accuracy previously unachievable.