

DISCONTINUED PRODUCT

HEAVYWEIGHT MATT PAPER 190gsm IPNHWMP



ILFORD PROFESSIONAL Heavyweight Matt Paper is a smooth matt paper designed for printing high quality documents from dye or pigment printers. The paper is perfect for posters, short-term displays or presentation work.

Technical Specification	Rolls
Weight	190g/m ²
Caliper	210 micron
Opacity	>90%
Brightness	>95%

INSTRUCTIONS FOR USE

A STEP BY STEP GUIDE TO GETTING THE BEST FROM THE ILFORD PROFESSIONAL RANGE OF MEDIA.

Heavyweight Matt Paper

APPLICATION Heavyweight Matt Paper is an excellent media for poster displays and suited to both aqueous dye and pigment ink use, although matt coated paper types are best suited for use with pigment inks. With its high base weight it also resists cockling found in thinner media types at higher ink loads. The paper can be mounted and/or laminated by using the appropriate finishing materials (see later for suggestions).

HANDLING To avoid damage to the coatings before printing Heavyweight Matt Paper should not be subjected to rough handling and should be handled by the edges. As with any matt paper type please check for loose paper dust, which may accumulate on feed rollers in some printers with extended use.

PRINTING Please check www.ilford.com for details on suggested driver settings or ICC profiles for use with your printer. Like any form of calibration, fine-tuning may be required to cover local variables and preferences. For this media type ICC profiles may only be available when used with pigment ink types.

DRYING To ensure the maximum life expectancy and also easy post-print handling and finishing ensure that the print has time to dry after printing: with dye inks the print may feel dry but will still require time for solvents from the inks to come out. The drying time will depend on a number of variables including ink load, temperature and RH. In general, this usually occurs within 4 hours at 50 % R.H. and at an ink loading of around 250%. With matt coated media types drying times will usually be shorter than with RC paper and film/vinyl products.

For pigment inks please follow the suggestions of the ink supplier; in general these inks may require at least 24 hours to fully cure after printing. This drying time is required for the ink layer to become resistant to smudging or smearing.

FINISHING RECOMMENDATIONS The following settings are recommended for lamination with pressure sensitive laminating and mounting films. The use of "hot lam" or "encap" type products is not recommended:

Pressure:	30-80 PSI
Temperature of top and bottom rollers:	Less than 45°C (110°F)
Speed:	1 meter/minute (3 feet/minute)

The tension of the paper should be as low as possible (adjustable by means of the unwind brake).

The print should be fully dry before lamination.

Hints To simplify the working conditions and to ensure a flat display (for single print at a time) we recommend laminating your image with the help of a support plate (PVC board).

1. First prepare a PVC board with a siliconised liner mounted on top.
2. Ensure that the nip setting of the roller corresponds to the board thickness.
3. Push the edge of the board into the rollers and press the foot switch until the board enters the nip.
4. Place your image face-up on the board, press the foot switch down and press down on the print (on the support plate) from the centre toward the edges to ensure a smooth surface.

Notes: Do not stop the machine whilst an image is being laminated as this can cause stop marks on the output. Remove the support board and the print from the rear of the laminator and trim to the required size. The display should remain flat for at least 4 hours after lamination. When rolled the laminated side should be outwards.

Remember that dust free conditions are essential for good quality lamination.

When used with dye based inks, all unprotected matt coated media may suffer from 'gas fading' to some degree, depending on the display environment. To extend print life, they should be laminated or otherwise protected, or printed with pigmented inks.