

KODAK MATCHPRINT Inkjet Clear Media / 4 mil



GENERAL DESCRIPTION

This optically clear film provides excellent image quality and universal ink compatibility at a competitive price. With a lightweight polyester support and hybrid ink receiving layer system, this film provides an effective imaging substrate for most dye and pigment based inkjet proofing and printing systems. KODAK MATCHPRINT Inkjet Clear Media is ideal for color separations and full color graphic applications.

- High optical transparency for clear overlay and color key applications.
- Compatible with most pigment and dye based inks.
- Sharp image definition and smooth surface finish.
- Pre-calibrated for immediate use with KODAK Proofing Software.
- Universal compatibility allows use of a single film material on leading printers such as EPSON, CANON and HP.
- Removable edge stripes for printer media detection.

COMPATIBILITY

MATCHPRINT Inkjet Clear Media / 4 mil is recommended for indoor applications, using both dye and pigment based ink systems. Pigmented inks provide greater color stability and longevity than dye based inks. However, extra drying time may be required at high inking levels, particularly with multiple ink colors. This film is pre-calibrated for use with KODAK Proofing Software. Kodak recommends a white backing for off-line calibration. KODAK MATCHPRINT Pro Coated SM240P Media, Type 1 was used in establishing calibration and color profile data.

Available Media Configurations for KODAK MATCHPRINT Inkjet Proofing System

Printer	Resolutions/ Modes
Epson Stylus Pro x880, x800, x600	720x720; 360x360
Epson x900	720x1440
HP Z2100	4 uni

HANDLING and PRINTING GUIDELINES

All inkjet media must be handled with care before and after printing to prevent damage to the ink receiving layer and printed images. Use the following guidelines for proper care of your media:

- Allow media to acclimate to your environmental conditions at least 24 hours before use.
- MATCHPRINT Inkjet Clear Media / 4 mil is rolled with printable side facing out. Avoid touching either side by handling the edges of the roll or by using gloves.
- *MATCHPRINT Inkjet System users:* MATCHPRINT Inkjet Clear Media / 4 mil media configurations come pre-calibrated and are based on measurements with MATCHPRINT Pro Coated SM240P Type 1 used as **white backing**. Use MATCHPRINT Pro Coated SM240P Type 1 as a backing material to confirm calibration with KODAK Proofing Software. Color measurements should be made ink side up during calibration. If required, run the paper machine adjustment before using clear film media and then edit the media configuration with new settings. You can download the media configurations from www.ecentral.kodak.com.
- Use of spectrophotometers with black backing is not recommended with clear media. Always use a white backing material to profile or characterize the clear film when using alternative software systems for calibration.
- When using Epson Stylus Pro 7900 or 9900 printers, reduce vacuum setting to low (-4) and increase roll tension to "highest" in order to minimize scuffing.
- When using Epson Stylus Pro 7800 or 7880 printers, make sure "Paper Size Check" function is turned off. Other printers may require special settings.
- **Dry times will vary based on ink type and environmental conditions. See the section on drying for more details.**
- White side stripes can be removed after printing.
- Do not fold, bend or crease clear media, as damage may occur to the ink receiving layer.
- Performance of printers may vary and overlays of multiple separations may not be 100% aligned. Ensure that all media feed and line adjustment calibrations have been performed on your printer.
- Store unused media in its original packaging, using the provided core-plugs and plastic sleeves.

DRYING

Conventional clear media for pigmented ink systems generally have a milky appearance, a compromise that trades away film clarity for faster drying. The superior transparency of MATCHPRINT Inkjet Clear Media means that extra care must be taken to allow for proper drying and handling. In image areas with heavy overprinting, the image may not dry completely for some time. When using pigmented inks, it is particularly recommended that a drying period be incorporated into routine printing instructions. Allowing the image to dry on the printer for about 15 minutes prior to cutting ensures that minimal damage will occur to the print as it falls into the receiving tray. Turn off automatic cutting features and manually initiate the cutting process, taking care to catch the print before it falls. Do not allow the printed surface of the film to come into contact with itself or other inkjet media before it is fully dry. A plain paper interleave may be useful when stacking prints after printing. Avoid handling, trimming, laminating or other finishing until prints are completely dry.

ORDERING INFORMATION

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Roll Length	Roll Width and Part Number		
	17 in (43 cm)	24 in. (61 cm)	42 in. (106.7 cm)
75 ft (22.86 m)	084-00193A	084-00194A	084-00195A

PHYSICAL CHARACTERISTICS

Physical Characteristics	Value	Test Method Reference
Caliper	4 mil (107µm)	ISO 534
Opacity	8.0%	
Weight	146 g/m ²	ISO 536
Brightness	0.8	R457
Operating Conditions	59-86°F (15-30°C), 30-70% RH (non-condensing)	
Optimum Storage Conditions	68°F (20°C), 50% RH	

If you have questions or need assistance, visit Kodak's website at
http://graphics.kodak.com/US/en/consumables/proofing_media/default.htm
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