

HIGH COLOR CONTRAST 90 / 120 / 140 / 180 g/m²

**For use in thermal- and piëzo inkjet printers
Water base ink**

February 2002 Data-sheet



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Material description

Matt heavy coated paper, 2400 dpi coated for the ultimate result.

Coated with a pre-coating and a heavy top coating. Therefore High color contrast papers are the best performing inkjet coated papers.

This quality reflects the colours accurately and in a natural way.

Perfect quality for (color) proofing and other high quality applications.

Indoor

Suitable for indoor use, printed with Pigment UV or dye ink.

Printed with Pigment UV ink more than 20 years.

Lamination is not required, this means a convenient and low cost method of producing indoor signs.

When laminating, 140 g/m² or 180 g/m² High color contrast are recommended.

Specifications

Quality	ECF	Matt natural white paper treated for inkjet			
Weight		HCC 90	HCC 120	HCC 140	HCC 180
		90 g/m ²	120 g/m ²	140 g/m ²	180 g/m ²
Print side		Matt White			
Reverse side		Slightly yellow			

Compatibility

Inkjet thermal printers (water base ink):
Hewlett Packard CAD printers
Hewlett Packard 500 / 800 / 1050 series
Hewlett Packard CP series
Hewlett Packard 5000 series
Encad 600^e 700 800 series

Inkjet piezo printers (water base ink):
Epson 7000 9000 10000 series
Mutoh 4100 6100 series
Roland Mimaki

For all- and latest information see our compatibility list.

Dye ink*
 Dye ink*
 UV Pigment ink / Dye ink*
 UV Pigment ink / Dye ink*
 UV Pigment ink / Dye ink (no GX)*
 UV Pigment ink / Dye ink*
 UV Pigment ink / Dye ink*
 UV Pigment ink / Dye ink*

Data mentioned in this product data sheet represents a guide-line. Before using our media please make sure that suitability is secured for your printer. We cannot take liability for any damages which result from changes in printing inks and or printers.

Qualifications

- Matt surface
- Pre-coating + top-coating
- Quick drying
- Smudge- and scratch proof
- Brilliant colours- and excellent sharp edges
- Pigment UV and dye ink compatible
- Good lamination characteristics
- Suitable for most large format printers, thermal or piëzo* see specifications.

Outdoor

Suitable for outdoor displays printed with UV pigmented ink*.
 12 months behind glass without lamination; fade and smudge proof under normal conditions (shop window commercial), and 20 years in office environment. This expectation is dependent on the wide variety of conditions.

Moister resistant, lamination recommended.
 Lamination is recommended to secure long-lasting unchanged images quality.

Applications

- CAD / Line drawings: HCC 90 and HCC 120 are recommended
- GIS: HCC 120 and HCC 140 are recommended for geographical maps.
- Graphic: HCC 120, HCC 140 and HCC 180 are recommended for Graphic full color output. (Dependable of the ink coverage)
 - Proofing
 - In- and outdoor posters (laminated)
 - Outdoor advertisements behind glass
 - Presentations
 - Tradeshows
 - Stands

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Guidelines

Printing

Always choose the right media for the right job. There are different kinds of inks with different kind of properties. When printing with UV stable pigment ink it's normal that the colours are different than the dye inks. Refer to the TEPEDE compatibility list for information.

Light stability

The light stability of a plot depends on various factors such as dye inks, pigmented inks and media coating but the most important factor is direct sunlight. Direct sunlight and UV will cause visible image deterioration on unprotected media within a few weeks or longer. We recommend that images subjected to such conditions be printed with UV stable pigment inks*. With High color contrast **12 months** behind glass without lamination; fade and smudge proof under normal conditions (shop window commercial), and **20 years in office environment**. Due the wide variety of conditions this is an expectancy.

Mechanical resistance

To protect the print against scratches and damage, it is recommended that the media should be handled and used in a clean environment.

Water resistance

When the plot is completely dry, High color contrast shows high resistance to fingerprints, smudges and condensation, however direct contact with water is not recommended.

After printing

When laminating (hot or cold) let your prints dry 20 minutes more before starting to laminate. For outdoor use, the product must have a sealed edge lamination.

Viewing distance

Always keep in mind the minimal viewing distance; a photo paper is intended as from 30 cm distance and an outdoor media 2,5 meter minimum viewing distance.

Trouble shooting

Check that the media is compatible with your plotter and ink.

Choose the right print mode (for example: draft-, normal- or best mode, B&W or Colour)

Check the media setting (If this exists) UV Opaque Vinyl, film, etc.

Perform cartridge alignment procedure if necessary. If required clean the cartridges

Colour calibration

As with all inkjet media, the product should be calibrated to the printer, to get the best result.

Loading instructions

The rate at which ink is consumed over a given area varies between different printers and printer set-ups. High color contrast paper has excellent ink absorption capacity. When loading the media use the right set-up (mode) that gives the highest quality output.

Printer settings and ink quantity

For optimum results, select the highest print quality. Avoid 3 colour composite black, use single colour black only.

Shelf life and environment aspects

The shelf life of TEPEDE media is 1 year under normal conditions (10–25°C at a relative humidity of 30–75 %). Higher humidity and/or temperature can affect the product performance. Always store the media in a dark place.

Ecology

The media and the final plots can be handled and disposed of as inkjet paper media. For the treatment of ink or ink residue, please refer to your printer manual or supplier.

Help available

If there are questions about media, just ask the TEPEDE sales department. They will inform you properly about our media program.

Note

Specifications subject to change without notice.