HIGH COLOR CONTRAST 90 / 120 / 140 / 180 g/m^2

For use in thermal and piezo inkjet printers.
Water base and latex inks

2017 Data-sheet

TEPEDE D.O.O.
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Material description

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

High resolution inkjet papers wish best price-performance ratio.

Coated with pre-coating and heavy top coating.Therefore High color contrast 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.

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
- FSC C014541
- ISO 536,ISO 534,ISO 2471,ISO 2493,ISO 5627
- ISO 11475,ISO 5631-2

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 mean a convenient and low cost method of producing indoor signs.

When laminating,140 g/ m^2 or 180 g/ m^2 High color contrast are recommended.

Outdoor

Suitable for outdoor displays printed with UV pigment ink.
12 months behind glass without lamination , fade and smudge proof under normal conditioms (shp window commercial), and 20 years in office enviroment. The expectation is depend on the wide variety of conditions.

Moisture resistant , lamination recommended.
Lamination is recommended to secure long – lasting unchanged images quality.

Specifications

Quality	ECF	Matt natural paper treated for inkjet
Weight		90,120,140,180 g/m^2
Print side		Matt White
Reverse side		Slightly yellow
Whiteness	96%	30% UV light elrepho ISO
CIE Whiteness	150%+-10	ISO 11475
Opacity	>83>89>92>	ISO 2471

Applications

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

Compatibility

HP, EPSON, CANON, MUTOH

- WB dye
- WB pigment
- Latex

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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 that the dye inks.

Light stability
The light stability of a plot depends on various factors such as dye,pigment, latex, laser dry toner and media coating but the most important factor is direct sunlight. Direct sunlight and UV cause visible image deterioration on unprotected media within 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 enviroment.** Due the wide variety of conditions this is an expectancy.

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

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 recomended.

After printing
When laminating (hot or cold) let your prints dry 20 minutes 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 outdoor media 2,5 meter minimum viewing distance.

Trouble shooting
Check that the media compatible with your printer and ink.
Choose the right print mode. Check the media setting (if this exists) coated paper, film, etc.
Perform cartridge aligment procedure if necessary.
If required clean the cartridges.

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

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

Printer setting and ink quantity
For optimum results, select the highest print quality.
Avoid 3 colour composite black , use single colour black only.

Shelf life and enviroment aspects
The shelf life of TEPEDE media is 1 year under normal conditions(10-25% 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 printed 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.