

## COLOR CONTRAST PAPER 90 / 120 g/m<sup>2</sup>

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

2017 Data-sheet



TEPEDE D.O.O.  
Vodovodna 20a, 10000 Zagreb, Hrvatska  
T: +385 1 364 3641  
F: +385 1 364 3686  
E: [prodaja@tepede.hr](mailto:prodaja@tepede.hr)

### Material description

White Matt coated papers easy to use and provide brilliant colour reproduction without requiring any specific setting.

They have a very good bulk to weight ratio.

For use out of doors and increased abrasion resistance, White Matt Coated papers may be laminated, encapsulation being carried out preferably on one side only. This will provide very good protection against wear.

### Qualifications

- White Matt surface
- High level of whiteness (103)
- Sharpness of dots and lines
- Easy to use
- Instant drying
- Excellent stability
- Brilliant colours-and excellent sharp edges
- Pigment UV and dye ink compatible
- Good lamination characteristics
- Resolution 720 / 1440
- ISO 536, ISO 534, ISO DP 5627, ISO 2471
- ISO 14001 Environmental quality MS

### 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.

### Outdoor

Suitable for outdoor displays printed with UV pigment ink. 12 months behind glass without lamination, fade and smudge proof under normal conditions ( shop window commercial), and 20 years in office environment. 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	ISO 536	90,120 g/m <sup>2</sup>
Thickness	ISO 534	110-130 um
Print side		Matt White
Smoothness Bekk	ISO DP 5627	
CIE Whiteness	150%+-10	ISO 11475
Opacity	>94>97	ISO 2471

### Applications

- CAD / Line drawing CCP 90 and CCP 120 are recommended
- GIS : CCP 120 recommended for geographical maps
- Graphic : CCP 120, recommended for Graphic full colour output.(Dependable of the ink coverage)
- Proofing, Imposition proof
- Final print preview prints
- Quality poster printing for print services professionals and supermarkets
- Outdoor advertisements behind glass
- Presentations
- Tradeshow
- Stands
- Designed for high resolution graphics

### Compatibility

HP, EPSON, CANON, MUTOH

- WB dye
- WB pigment

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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, Color contrast paper 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 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 alignment 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. 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 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.