

## PRO PHOTO SATIN PAPER 290 g/m<sup>2</sup>

For use in thermal and piezo inkjet printers.  
Water base ink



TEPEDE Bulgaria Ltd.  
Alexander Gerov str. 15, Ovcha Kupel, Sofia 1618, Bulgaria  
T: +359 2 963 46 79  
F: +359 2 421 99 22  
E: [tepede@tepede.bg](mailto:tepede@tepede.bg)

### 2017 Data-sheet

#### Material description

**PRO**fessional photo base inkjet paper, superior gloss on rigid paper base for the ultimate goal.

Instant –dry and micro-pore coated photo base paper.

With Pro Satin Gloss you achieve photorealistic printouts of impressive quality.

Thanks to special ink absorption layer on the top side, high amounts of ink dry immediately and the paper is then water – resistant.

The long term stability , colour gamut and density of black. colours of this paper could be improved significantly

#### Indoor

Durable photo base that creates brilliant, photo realistic full colours that are smear – and moisture-resistan wide superior fade resistance.

Printed with pigmen UV in more than 20 year.

Lamination is recommended to secure long – lasting unchanged images quality, because ,gas fading ,deteriorate dye colors with time.( Not valid for pigment UV ink )

#### Specifications

Quality		Lustre Satin photo paper
Weight	ISO 536	285+- 10 g/m <sup>2</sup>
Thickness	ISO 534	290 +- 12 um
Print side		Micro-pore inkjet coating on PE UV stable photo base paper
Opacity	ISO 2471	97.0 +- 4 %
Stiffness md	ISO 2493	85+- 5 nM
Stiffness cd	ISO 2493	55+- 5 nM
Smoothness	ISO 5627	>500 sec
CIE Whiteness ( fs )	ISO 11475	145+-5
Gloss value 60 ( fs )		15+-5 %

#### Compatibility

HP, EPSON, CANON, MUTOH

#### Qualifications

- Professional photo-applications
- Superior lustre satin glossiness
- Instant dry , due to micro-pore coating
- Smudge and scratch proof
- Pigment UV and dye ink compatible
- Hot and cold laminate compatible
- Long lasting prints with UV pigment ink
- Photolab quality

#### Outdoor

Durable photo base that creates brilliant, photo realistic full colours that are smear – and moisture-resistan, with lamination it will give superior outdoor resistance.

Printed with pigmen UV in more than 2 year.

Moister resistant, lamination recommended.

Lamination is recommended to secure long – lasting unchanged images quality, because ,gas fading ,deteriorate dye colors with time.( Not valid for pigment UV ink )

#### Applications

- Indoor and outdoor posters (laminated)
- Outdoor advertisements
- Photo- applications
- Presentations
- Signs
- Sales materials
- Tradeshows
- Stand building
- Map reproductin
- P.O.S
- Retail
- Photolab productions
- Color Proofing

- 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 inks, UV pigmented inks and media coating but the most important factor is direct sunlight. Direct sunlight and UV will cause visible media deterioration on unprotected media within a few weeks or longer.

### Mechanical resistance

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

### Water resistance

When the plot is completely dry, the paper shows high resistance to fingerprints. Contact with water for longer period 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. This paper 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 environment 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.