

## BACKLIT UV/LX FILM 180 micron / 255 g/m<sup>2</sup>

For use in thermal and piezo inkjet printers.  
Latex and UV curable inks.



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### 2017 Data-sheet

#### Material description

Backlit UV/LX is a single side coated, antistatically – treated polyester backlit film for UV and Latex.

Direct Image on the front (Satin and bluish) surface yields images with maximum ink density, vivid color and high image resolution for either reflective or backlit viewing in booth indoor and outdoor applications.

#### Qualifications

- Premium flatness PET Based
- Premium bluish white color surface
- Reverse side : White gloss
- Perfect density for lightbox applications
- High quality color reproduction with and without light
- Suitable printing condition : temperature 15-30° / humidity 30-60°
- Over laminating will prolong the durability of the print

#### Indoor

This material is suitable for indoor displays.

No lamination is required, this means a convenient and low cost method of producing indoor displays.  
(It is difficult or impossible to remove dirt or stain from the surface, lamination will protect the material)

#### Outdoor

This material is suitable for outdoor displays.

For total waterproof protection always use a suitable lamination.

#### Specifications

Quality		PET
Weight		255 g/m <sup>2</sup>
Thickness	ASTM D645	180 um
Print side		instant dry coating
Reverse side		White gloss
L.a.b	ANSI T	(D50/2o/Abs/No)
yellowness	ASTM D1925	40
glossiness	ASTM D2457	5/15

#### Applications

- Outdoor – indoor light box signage
- Illuminated displays
- Trade show and exhibition graphics
- Signage
- Cosmetics
- Fashion image
- Air port image application
- Bus / metro shelters
- Department store displays
- Luminous advertising

#### Compatibility

HP LATEX  
UV curable inks printing systems

 UV curable  
 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.

### 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

Backlit UV/LX shows high resistance to fingerprints, smudges and condensation when the plot is completely dry, however direct contact with water for longer period is not recommended.

### After printing

To prevent smears, let your prints dry completely.  
When laminating ( cold ) let your prints dry 20 minutes before starting to laminate.

### Best view side

The matt ( print ) side is the best view side . The film is designed for back illumination , the reflected light gives you yield what you expected.

### 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. Backlit UV/LX 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 photographic colour film or other similar inkjet film 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.