

## DISPLAY FILM PET – SA 210µ / 275 g/m<sup>2</sup>

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



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### 2017 Data-sheet

#### Material description

Matt finished, grey block – out, tear resistant & rigid PET film a water-resistant coating for water based and latex inks.

It is suitable for free- standing roll-up applications.

The excellent flatness allow this media to be used for a wide range signage, advertising and POS applications.

The inovative coating and the high whiteness lead to quick drying and wide colour gamut, the product is suitable for hot and cold lamination.

#### Qualifications

- A smooth matt finish
- PET base material
- Tear resistant rigid PET base
- Waterfast printouts
- High image definition
- Very good flatness in roll –up displays
- Low memory effect
- Resistant to low and high temperature
- Brilliant color image for indoor & outdoor

#### Indoor

This material is suitable for indoor displays printed with dye ink, pigment ink, latex ink ( condensation proof ).

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

#### Outdoor

This material is suitable for outdoor displays printed with UV pigment ink and Latex/ UV ink ( condensation proof ).

For total waterproof protection always use a suitable lamination.

Over laminating prolong the life of the print.

#### Specifications

Quality		PET
Weight	ASTM D646	275 g/m <sup>2</sup>
Thickness	ASTM D645	210 µm
Print side	ASTM E284	Semi matt finish
Reverse side		Grey Blockout backing
Coating thickness		35 mic +-2
Opacity		100%
Surface whiteness		99+-2

#### Applications

- Pop-up systems
- Trade show displays
- Shop displays
- POS
- Point of purchase displays
- Instruction plates
- Indoor/outdoor promotional banners
- Retail aisle banners
- X banner , L banner

#### Compatibility

HP, EPSON, CANON, MUTOH, MIMAKI, ROLAND  
HP LATEX  
All Inkjet ( Water based ) printers

- ☞ WB dye
- ☞ WB pigment
- ☞ Latex
- ☞ UV

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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

Material 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

Kamination is optional. In order to protect the image from physical damage

### 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. Material 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 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 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.