

BANNER 440**440 g/m²**For use in piëzo inkjet printers
Solvent base ink

May 2006 Data-sheet

P.O. Box 3160
2280 GD Rijswijk The NetherlandsInternet: <http://www.tepede.com>**Material description**

White substrate for small and wide format front-lit displays.

Banner 440 is fire retardant B1 and applicable for billboard, banners, building murals and in store displays

Indoor

See outdoor

Specifications

Quality		Polyester weaving + both side PVC
Weight		440 g/m ²
Print side		Matt white soft PVC
Reverse side		Soft PVC
Tearing strength	L kgf/5cm	139
Iso 13934-1	W kgf/5cm	116.2
Tensile strength	L kgf	11.4
Iso 13937-2	W kgf	15.5
Density	Denier	1000 x 1000
Structure		9 x 9
Fire retardant	Din 4102-1	B1

Compatibility

Inkjet piëzo printers (Eco) Solvent base ink:

Make your own practical test to be sure it reaches your quality standard.

For all- and latest information see our compatibility list.

Qualifications

- Display and banner quality
- Fire retardant B1
- Soft & delicate surface
- Print side: matt white surface
- Flexible
- Heavy weight
- Weather resistant
- UV-protected*
- Seamable
- Easy to clean with mild soap

Outdoor

Suitable for in and outdoor applications, printed with UV pigment ink.

Applicable up to 5 years.

Fire retardant:

This material is flame retardant B1.
Is the used ink also flame-retardant? Be sure, that the final product reaches this standard!

Applications

- Billboard
- Building murals
- In store displays
- In and outdoor flexible durable signs and banners
- Exhibitions
- Events
- Shop displays
- Window displays
- Prolonged presentations

Data mentioned in this product data sheet represents a guide-line. Before using our media please make sure that suitability is secured for your printer. We cannot take liability for any damages which result from changes in printing inks and or printers.

TEPEDE shall not be liable for changes in product design because of new technical developments and may occur without notification.

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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 than the dye inks. Refer to the TEPEDE compatibility list for information.

Light stability

The light stability of a plot depends on various factors such as dye inks, pigment inks, media coating but the most important factor is direct sunlight. Direct sunlight and UV will cause visible image deterioration on unprotected media within a few weeks or more. We recommend that images subjected to such conditions be printed with UV stable pigment inks*.

Mechanical resistance

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

Water resistance

It is not recommended to use a high pressure cleaner.

After printing

Let your print dry completely (24 hour in evaporation room) for further application.

Viewing distance

Always keep in mind the minimal viewing distance; a photo paper is normally seen from 30 cm and outdoor media is viewed from at least 2,5 meter.

Trouble shooting

Check that the media is compatible with your plotter and ink.

Choose the right print mode (for example: draft-, normal- or best mode, B&W or Colour)

Check the media setting (If this exist) UV Opaque Vinyl, film, etc.

Perform cartridge alignment procedure if necessary. If required clean the cartridges

Color calibration

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

Loading instructions

Switching off the cutter is recommended.

The rate at which ink is consumed over a given area varies between different printers and printer set-ups. Media has excellent ink absorption capacity. When loading the media use the right set-up (mode) that gives the highest quality output.

Printer settings 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°C 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 vinyl / polyester or other similar inkjet vinyl / polyester media. For the treatment of ink or ink residue, please refer to your printer manual or supplier.

Finishing

TEPEDE banner products are compatible with conventional banner finishing methods, such as stitching grommets or thermal / high frequency welding. Be very careful with lightweight media such as 350 gram or less with thermal welding! Always make a practical test to make sure that the method of attachment is reliable.

Place the **grommets** in the hemline along the length of the banner, so the grommets are fixed on two layers. Place the grommets in the corner on the four layers where the length and width hems cross. To increase the durability when hung, reinforcement of the corners is recommended.

The **hem** can be taped with industrial high tack tape. When stitching the material, be careful not to scratch the printed (coated) side. A double hem and a maximum of 2 stitched per centimetre is recommended.

Banner installation

Improper installation can damaged the banner. Use a professional installer.

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.