

MESH

For use in thermal and piezo inkjet printers.
Datasheet 2019



The Specialist for Large-Format Printing

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Material description

Pure whiteknitted substrate for wide format displays.

MESH is fire retardant B1 and applicable for billboards, banners, building murals, building wraps, indoor wall decoration and in store displays.

Qualifications

Soft and delicate surface
Fire retardant B1
Flexible
Rigid quality
Weather resistant
UV-protected
Seamable
Easy to clean with mild soap

Indoor

See outdoor.

Outdoor

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

Applicable up to 5 years.

Fire retardant:
This material is flame retardant B1.
Be sure that the ink is also flame retardant to reach this standard

Specifications

Surface structure		Open PVC with knitted polyester
Quality		Polyester weaving
		Both side PVC
Weight		270 g/m ²
Print side		Gloss white soft PVC
Tearing strength	L kgf/5cm	195
ISO 13934-1	W kgf/5cm	164
Tensile strength	L kgf	36,8
ISO 13937-1	W kgf	27,9
Density	Denier	1000 x 1000
Air permeability	DIN 53887	ISO 9237:1995 1736

Applications

Billboard
Building wraps
Building murals
In Store displays
Indoor wall decoration
Indoor and outdoor flexible durable signs and banners
Exhibitions
Events
Shop displays
Window displays

Compatibility

The material is compatible with Solvent, Eco Solvent, Latex and UV curable inks.

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

- Latex
- UV
- Eco Solvent
- Solvent

Alu Foil Sticker Floor

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Guidelines

Printing

Always choose the right media for the job and application. Keep in mind that different inks have different properties and that they can react in different ways to the chosen material. When printing with UV stable pigment inks, normally, the printed colors will be different than with dye inks.

Light Stability

The light stability of a plot is dependent on various factors. Ink type and media coating will have an effect but the most important factor is exposure to direct sunlight. Direct sunlight and UV rays will cause media deterioration on unprotected media within even a few weeks.

Mechanical Resistance

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

Water Resistance

Materials show high resistance to fingerprints, smudges and condensation when the plot is completely dry. However, direct contact with water for longer periods of time is not recommended.

After Printing

To prevent smears, always let your print dry completely. When laminating (cold) let your prints dry for at least 20 minutes before starting the laminating process.

Troubleshooting

Check that the media is compatible with your printer and ink. Choose the right print mode, check the media settings, perform cartridge alignment and clean the cartridges if necessary.

Color Calibration

As with all inkjet media, the material should be calibrated for the printer to achieve best results.

Loading Instructions

The rate which ink is consumed over a given area varies between different printers and printer set-ups. Materials have excellent ink absorption capacity. When loading the media, use the right set-up mode to achieve the highest quality output.

Printer Settings and Ink Quantity

For optimal results, select the highest print quality. Try to avoid three color composite black and use single color black instead.

Shelf Life And Environmental 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 temperatures 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 color film or other similar inkjet film media. For the treatment of ink or ink residue, please refer to your printer manual or supplier.

Help Available

If you have any questions, feel free to contact the TEPEDE sales department. We will properly inform you on all aspects of our media program.

Note

These specifications are subject to change without prior notice.

Environmental Advantages

Materials are produced from a gas combination created from previously burnt oil waste. Materials are resistant to alkalis, acid, organic solvents, bacterial growth and are non-toxic and non-staining. The base material can be melted and recycled up to 50 times to avoid the cost of placing unwanted waste into landfill sites. Recycled materials can be used for automotive parts, furniture, house ware and packaging.