Lador phototex

TECHNICAL INFORMATION

Introduction

Phototex® is a paste-free, self adhesive/removable and repositionable unique, fabric based ink jet media which can be placed on any (non-porous) flat surface. Available in aqueous and eco/solvent rolls in a range of widths, Phototex® offers some truly unique benefits:

- Waterproof and suitable for humid/outdoor applications
- Will not damage host wall
- Incredibly durable – will not rip or wrinkle
- Can be removed and re-positioned
- Fine texture delivers high quality images
- Can be back-lit with stunning results
- Ink dries immediately
- Available in flat sheets and varying width rolls

Compatibility

- Ink settings must be optimised according to ink, printer and software instructions, rip and profile for best results
- Suitable for most large format thermal and ink-jet printers. Temperature of 40-50 Celsius
- Suitable for kiss/die cutting (use carbide knife) and liquid or spray protective coatings/lamination
- Examples of printing machines Phototex® is compatible with:

Inkjet Piezo (solvent ink)
Mutoh, OCE, NUR, Mimaki, Colorspan, Scitex, Vutek, Roland, Grandinnovations, Seiko *et al*

Inkjet Thermal (pigment ink)
HP, Kodak/Encad, Colorspan, Canon *et al*

UV-curable ink
Vutek, Durst, Zund, 3M, NUR, Mimaki, Inca *et al*

Inkjet Piezo (pigment ink)
Epson, Mutoh, Roland, Mimaki *et al*

Litho & Screen Printing
All types – please ask for details

Sizes

Phototex® is currently available in the following sizes:

Aqueous	Solvent
24" x 100' / 61cm x 30m	42" x 100' / 107cm x 30m
36" x 100' / 91cm x 30m	50" x 100' / 127cm x 30m
42" x 100' / 106cm x 30m	54" x 100' / 137cm x 30m
50" x 100' / 127cm x 30m	60" x 100' / 152cm x 30m
60" x 100' / 152cm x 30m	

Bespoke Mill makings are also available for both rolls and sheets.
Please ask.

Characteristics

Material	50% Polyester, 45% Polyethylene terephthalate PET / .010 mil total
Weight with backing	260gm^{-2}
Print side	Inkjet coating with low tack adhesive on back side / .006 mil
Back side	Paper backing that peels off
Ink limit (subject to profiles)	• Pigment inks – Indoor or Outdoor • UV curable inks – Indoor and Outdoor use • Water based – Indoor and Outdoor use • Dye based inks – mixed results with heavy solids • Solvent inks – (S) series – Indoor or Outdoor • Eco-solvent inks – (S) series – Indoor preferred
Outdoor warranty	• Wind tested to 500 mph • 6-12 months weather proof warranty if you print with pigment inks, water based and UV inks • 6-12 months weather proof warranty if you print with solvent inks – all results may vary by region • No warranty outdoors with eco-solvent inks – results vary
Fire retardant	• Fire retardant up to 450°C (842°F) Self Extinguishing.

Phototex® is a removable and repositionable unique self-adhesive, fabric based substrate which can be placed on any (non-porous) flat surface indoors or outdoors, such as walls, windows, poles, cars, boats and aeroplanes.

Phototex® will not peel the paint from a wall, nor will it damage wallpaper when placed over it. Phototex® can be re-positioned and withstands a wide range of temperature and weather conditions. We have tested Phototex® to show it will still be hanging outside in all conditions for over one year. Ultrachrome K3 inks are light fast for over 100 years on Phototex®.

We have complete confidence in Phototex® material to adhere without peeling or wrinkling on any and all flat surfaces and weather conditions. Phototex® is virtually impossible to rip or wrinkle. Phototex is very versatile & durable and can be wrapped around corners and poles. It has a semi opaque coating which can be backlit.

Any wide format inkjet printer from Pigment, UV, Ultrachrome, Solvent and Eco-Solvent (Eco- suitable for outside) based inks/equipment such as Epson, HP, Mutoh, Mamaki, Roland, Encad. Phototex® is waterproof and can be liquid laminated.

Phototex® is primarily made from Cellulose & Polyester.
Phototex is primarily made from Polyester & Polyethylene terephthalate (PET).

Cellulose (aka: Wood Pulp) is the naturally occurring primary structural component of green plants. A renewable (farmed) resource and most commonly used to make paper.

Polyester (aka: Terylene) is most commonly used in clothing, soft furnishings, bed sheets and curtains. Esters are also used in perfumes & essential oils and naturally give fruit their smell. Polyester will shrink away from flame and often self-extinguishes.

Other components include Silicon Dioxide – more commonly known as sand, and Polyacrylic Acid Ester – a patented compound developed for processing textiles and also used as a vaccine adjuvant.

PET is a thermoplastic polymer resins used commonly to produce beverage containers

Disclaimer

Although all our test results over the past year show positive feedback concerning Phototex® to adhere to any and all flat surfaces and safe removal with out damage or harm to the surface you placed our material on, we can not control the environment and circumstances of all applications.

We strongly recommend you place the Phototex material on a flat, clean, non porous, dry surface. For best results use a PVA decorators' primer.

Due to the unknown variable conditions of where Phototex will be applied we can not guarantee that under any and all circumstance the material will stay completely intact, and that no adhesive will remain on the surface when removed or that your surface will not adhere to the Phototex. The number of painted coats on your wall, age and type of paint used, dirt, undulation, dryness or dampness of your intended surface, no PVA primers used, heat from the sun may have effects when removing from the surface.

If you are unsure of wanting to use Phototex on your surface, we advise you to test a small hidden area for best results. We can not be responsible, for any damage of your surface or workmanship of material due to these circumstances.

(SIT) Spontaneous-Ignition Temperature Test: "Phototex"

1. GENERAL

1.1 Applicant : NEVER TAG

1.2 Test Specimen

1.2.1 Name of Specimen : PHOTOTEX

1.2.2 Manufacturer of the specimen : NEVER TAG

1.2.3 Density : 557 kg/㎥

1.3 Date of test : December 5, 2003

2. TEST METHOD

ISO 871-1996 "Plastics-Determination of ignition temperature using a hot-air furnace"

3. TEST RESULT

Test Name	Test Result	Remark
Spontaneous Ignition Temperature (SIT)	450 °C (842 °F)	o Size & Form : 20 x 20 x 0.25 mm, sheet o Weight : 0.4 g o Dark Smoke Occurred

The end

Landor phototex