

LUXTEX CANVAS ADH



Advantages

- Waterproof and mildew resistance
- DIY design printing
- No curving on edge seaming
- No shrinking

Applications and Uses

- Public wall decoration

Effective performance life

The effective performance life is based on field experience and exposure tests conducted by Lab.

When the graphics are processed and used according to the producer recommendations, they should have the performance life shown in the table below. The actual performance depends on:

- Correct combination of film, ink, over laminate or clear coat
- Drying methods
- Selection and preparation of the substrate
- Application methods
- Orientation and exposure conditions
- Cleaning methods

Printing with Solvent-Based Ink jet Inks

Always test with your combination of printer and ink prior to commercial use.

■ Total Ink Coverage

Do not exceed 250% total ink coverage for film. Too high a total physical ink amount on the film results in media characteristic changes, inadequate drying, over laminate lifting, and/or poor graphic performance. To enhance color and protect images against UV radiation and abrasion, LUXtex Canvas ADH is recommended to be over-laminated with Cold over-laminating Film or Clear.

■ When to Use an Over laminate or Clear Coat

Commercial vehicle and fleet graphics; such graphics are subjected to abrasion such as road debris and automatic/power washing. Any graphic exposed to abrasive washing conditions, including automatic/power washing, harsh cleaners or chemicals.

FEATURES

Color	White
Film	280±10gsm Matte White Wall Canvas Fabric
Finiture	Matt
Thickness (film)	300um ± 10um
Adhesive	Repositionable clear adhesive
Liner	2 sides PE-coated and single clay-coated paper
Weight, liner	140g ± 5g
Application surfaces	Flat and simple curves
Application substrates	Metal, paint, rigid plastic
Application temperature range (air and substrates)	3 ~ 38°C
Removability	N/A

Application

Do not stretch the film during application. If you stretch the film it will tent or lift.

Obtain pre-qualification from the producer before applying to any un-qualification surface.

When applying graphics to flat surfaces, the temperature range for both the air and substrate is 3°C to 38°C. The film sticks well at the lower end of this temperature range. However, keep these considerations in mind: - The film becomes less flexible the colder it is.

- At temperatures lower than 3°C moisture may condense on the substrate, which prevents good adhesion.

Maintenance and cleaning

Use a cleaner such as the kind used for high-quality painted surfaces. The cleaner must be wet, non-abrasive, without strong solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline.)

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PHYSICAL PROPERTIES

Caliper, face film	180 micron GB/T6672-2001
Caliper, liner	140 g/m ² GB4669-1995
Dimensional stability	Max. 0.5 mm FINAT-14
Adhesion, initial	570 N/m FINAT FTM-1, stainless steel
Adhesion, ultimate	760 N/m FINAT FTM-1, stainless steel
Tearing	>10000 Min
Release	15 ~ 40 g/inch FINAT-4
Shelf life	12 Month Stored at 24°C/50-60%RH
Durability, unprinted	5 Years Vertical exposure

Conversion

- Cold over laminating
- Mild / Eco solvent ink jet
- UV curable ink jet
- Latex ink jet
- Solvent ink jet
- Friction fed cutters

Thermal

- Application temperature: +3°C
- Temperature range: - 20° ~ 60°C

Chemical

- Resistant to most petroleum based oils, greases and aliphatic solvents
- Resistant to most mild acids, alkalies, and salts

Shelf life, shipping and storage

- For unprocessed film, shelf life is 12 months. Store the film in a dry area, in the original container, out of direct sunlight and at less than 24°C
- The printed film has one month shelf life
- Ship the finished graphic lying flat or in a roll. To roll the graphic, roll it film side out onto a core that is 3 inches or larger in diameter. These methods help prevent the film and application tape from wrinkling or popping off the liner.

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