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PSBLT

Universal Backlit Film Aqueous Inkjet Media for use with dye and pigment ink on thermal and piezo inkjet printers.

PRODUCT DESCRIPTION

PSBLT is a 9 mil matte surface, front print polyester backlit film that is water resistant (see Water Resistance Guidelines on the following page) and compatible with pigment and dye inks. The matte surface reduces the impact of fingerprints for easy handling from printing to installation. The inkjet receptive coating produces super wide gamut for brilliant colors and sharp details. The water resistance and durability make it a great choice for longer- lasting indoor backlit displays and short-term outdoor displays. PSBLT backlit film is optimized for pigment inks, but can be used with either pigment or dye inks.

SPECIFICATIONS

Physical Properties*

- **Caliper:** 9 mil nominal
- **Finish:** Matte one side
- **Opacity:** 68%
- **Whiteness:** 95%
*Target Values

Features

- Fast dry with pigment inks.
- Water resistant.
- Universal compatibility (Latex/aqueous/eco-solvent).
- Even light distribution.
- Matte surface to reduce glare.

Recommended Storage Conditions and Shelf Life

- **Temperature:** 59-86 °F (15-30 °C).
- **Relative Humidity:** 50%.
- **Temperature range:** 70 °F.

- Repack opened rolls when not in use.
- Greater than one year at conditions noted above.
- Allow material to stabilize to room conditions 24 hours before use.

Environmental, Health, and Safety

- No Material Safety Data Sheet required.
- Waste can be recycled (PET). Where recycling does not exist, disposal at a landfill or an approved incinerator is recommended.

Main Applications

- Backlit displays and signage.
- Tradeshow displays.
- Lightbox graphics and kiosks.
- Window graphics.

Printer/Ink Compatibility

PSBLT is compatible with all thermal and piezo inkjet printers using waterbased dye and pigment inks. Pigment inks are recommended to produce outstanding print quality when using either reflective or transmitted light. Dye based inks will provide a higher color gamut but inkfade can occur and drying times will be longer. When using dye inks allow for longer drying times. For a complete compatibility chart on our website go to: www.csa.canon.com

Finishing Recommendations

Lamination may not be required for short term indoor graphics due to the water resistance of the coating. However, lamination will protect the image when not covered by glass and is always recommended. The setting for low-melt should be between 190-200 °F. Hand application of laminates is not recommended. The print should dry for 24 hours before laminating. When mounting to substrates such as PVC, acrylic, etc., a standard mounting adhesive is appropriate.

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Software Settings and Color Matching

The inkjet receptive coating is engineered for better that 400% ink coverage. The white film setting in most RIPs is appropriate. However, we recommend a custom ICC profile for optimal results. For the best and most consistent results, a profile should be created using an external color calibrator in conjunction with your RIP and color matching software.

Important

Printer and driver settings need careful set-up to ensure the best performance. Appropriate ink loads must be set for the ink/printer combination being used.

Water Resistance Guidelines

To obtain a high degree of water resistance, use only pigmented inks. Allow the print to dry for 24 hours before exposing to moisture. Lamination may not be required for short-term indoor applications. Ink saturation over 300% can affect the water resisitant properties and show ink bleed. Dye based inks will yield good color gamut but bleeding may occur when the images get wet. Over laminating will not eliminate ink bleed unless the material is completely sealed to a non porous surface.

This information is presented as a general guide and is not a performance guarantee.

The user should independently determine prior to use the suitability of the material for the specific purpose.

PRODUCT DESCRIPTION

Selected Available Roll Sizes

ITEM NUMBER	WIDTH X LENGTH	QTY. PER CARTON	CORE
PSBLT36100	36" x 100'	1 Roll	2"
PSBLT42100	42" x 100'	1 Roll	2"
PSBLT50100	50" x 100'	1 Roll	2"

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