

# SB15M

## Universal Single-Sided Scrim Banner Vinyl

# Outré

Beyond Your Expectations

**Outré** ink jet materials are manufactured to meet or beat original equipment manufacturer's specifications. SB15M is a one-sided scrim banner vinyl for indoor or outdoor applications. The low plasticizer content base construction of SB15M also reduces the chances of ink bleed issues that other scrim vinyls in the market can experience. The universal ink jet receptive coating is compatible on most thermal and piezo water-based printers as well as. Use SB15M when you want a durable outdoor scrim banner vinyl but do not need all of the features of a premium vinyl grade.

Physical Properties	
	SB15M
Gloss (60°)	2.1
Caliper	14.6 mil
% Opacity	99%
Whiteness	109
Outdoor Life Expectancy	8 mos.
Indoor Life Expectancy	1 year

### Application Guidelines

**Printer & Ink Compatibility:** SB15M can be printed with Hewlett DesignJet®, ColorSpan® Displaymakers, and most piezo water-based printers equipped with pigmented inks. It is recommended to use pigmented inks for longer-lasting images. Although dye-based inks provide a higher color gamut, premature fade can occur. Inks NOT recommended for use are Ilford® Archiva™ and ColorSpan® EnduraChrome ink, because premature fading is known to occur.

Product	HP DesignJet		ColorSpan Displaymaker		Epson		Canon		Roland/Mimaki/Mutoh	
	Dye	Pigment	Dye	Pigment	Dye	Pigment	Dye	Pigment	Dye	Pigment
SB15M	•	•	•	•	•	•	•	•	•	•

**Water Resistance & Surface Protection:** To obtain a high degree of water resistance, use only pigmented ink. Lamination is not required. Ink coverage of up to 250% is recommended, because higher ink saturation can affect the waterfast properties and show ink bleed in heavy saturation areas. Dye-based inks will yield good color gamut, but bleeding may occur when the image gets wet. Over laminating dye-based ink will not eliminate image bleed, unless the material is completely sealed to a non-porous surface or encapsulated. If water migrates under the laminate, at an exposed edge or along the perforations of a stitched hem, a watermark can form and dye-based inks can bleed. To avoid perforating the laminate, use banner tape to put a hem on the banner (see Tape Hem section below). Let the image dry 24 hours before exposing to moisture. Dirt and stains can not be cleaned from the imaged surface and the surface can be damaged from excessive folding or creasing, so overlaminating is recommended to help protect it.

**Printing Guidelines:** When printing multiple prints, use material from the same lot. Color output can vary from lot to lot and the same lot can vary when there is prolonged time intervals between printing of the same image. When using this media, either run sheets or disable the cutting mechanism, as heavy materials can cause cutter and print head jams. To optimize print quality, printers should be set for highest print quality and media selection should be "HEAVY COATED." Due to the heavy gauge of the material, this product can feed through the printers at different rates causing print size to vary from print to print. Applications that require tiling or paneling are not recommended. Images sized in a software application may be printed slightly smaller than anticipated.

**Material Handling & Storage:** Once the print is completed, roll imaged media onto a core until ready for posting. Folding of the material is not recommended. The material should be stored a 72° F (+/-5°) for no more than 6 months. After use, the material should be stored in its original packaging in the poly bag suspended on the end boards. Material should always be stored suspended and not laying flat on its side. Storing material unsuspended, for prolonged peri-

### Finishing Recommendations

**Banner Installation:** Improper installation can cause premature banner failure. It is recommended that a professional installer be used. When using banners greater than 10', half moon wind slits should be used. The cold cracking threshold for SB15M is 10° F. SB15M should not be used in environments below 10° F.

**Tape & Stitched Hem:** Single-sided scrim banner material will have exposed scrim fiber at the cut edges; therefore, finishing the edges with tape or stitch is recommended. Standard high-tack banner tape can be used and is preferred to sewing, as the sewing process can scratch or cause coating pick-off. Follow the guidelines of the tape manufacturer. If sewing, it is recommended that the unlaminated banners be stitched hem side up so that the sewing machine foot comes in contact with only the backside of the banner. For maximum reinforcement, a double-stitched hem with a double lock stitch, with a maximum of five stitches per inch and corner reinforcements are recommended.

**Grommeting:** Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers. Corner grommets should be placed where the length and width hems cross, so that the grommet is through four layers. A reinforced corner is also recommended to increase durability.

**Laminating:** A vinyl pressure-sensitive overlaminate or an acrylic liquid overcoat can also be used. However, overlaminating one side may cause the product to curl toward the laminated side. Let image dry 24 hours before laminating.



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