



SPEC SHEET

OBSCRM

Outdoor Scrim Vinyl Banner with Blockout Layer Aqueous Inkjet Media for use with dye and pigment ink or thermal and piezo inkjet printers

PRODUCT DESCRIPTION

A 15 mil, tear-resistant, bright white, scratch-resistant scrim vinyl banner material with blockout layer is perfect for high quality banners. OBSCRM is comprised of tear-resistant polyester fabric embedded between two layers of white vinyl, with a blockout layer and a waterproof matte coating. Truly a universal product that can be used in both thermal and piezo ink jet printers.

SPECIFICATIONS

Physical Properties*

- **Caliper of vinyl:** 15 mil
- **Weight:** 490 gsm
- **Opacity:** 100%
- **Color:** L* .90-94, a=-1.0 ± 1.0, b*=2.0 ± -1.0
- **Opacity:** 100%
- **Whiteness:** >120 CIE
- **Gloss level:** </=5
- Tensile strength MD 1050 ±100 N/50mm TD1000 ±100 N/50mm

*Target Values

Features

- Outdoor durable
- Heavyweight scrim
- Smooth printing surface

Recommended Storage Conditions and Shelf Life

- Store in clean, dry area away from direct sunlight.
- **Temperature:** 68-77 °F (20-25 °C)

- **Relative Humidity:** 30-70%
- Repack opened rolls when not in use.
- When not in use, media should be stored in its original packaging in a vertical position.
- Shelf life is one year from the date of manufacture when stored in original packaging.

Environmental, Health, and Safety

- No Material Safety Data Sheet required.
- Waste not suited for recycling.

Main Applications

- Indoor/outdoor banners
- Tradeshow and portable displays

Printer/Ink Compatibility

OBSCRM is recommended for use with dye and pigment inks in most of today's inkjet printers.

Handling Recommendations

Due to the absorptive nature of the coating, you should avoid touching the coated surface. It is always recommended that cotton gloves be worn when handling inkjet coated materials. Rolls are supplied coated side out. Allow material to stabilize to room conditions 24 hours before use.

Light Fastness

The fading time of inkjet is a direct result of the ink used and the environment where the print is displayed. All dye-based inks fade noticeably under direct sunlight and in interior applications where direct sunlight bathes the image and/or where fluorescent or other UV producing light is present. UV enhanced inks, pigment based inks, and certain UV inhibiting laminates will extend the fade time of the print. Consult the ink manufacturer to determine suitability for any application.

OBSCRM AQUEOUS INKJET MEDIA

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Finishing Recommendations/ Post Process

Pressure-sensitive vinyl laminates with UV inhibitors can be applied to help increase the fade and abrasion resistance of the image. Polyester or other base material laminates are not recommended. Before laminating, allow to dry for 24 hours.

Water Resistance and Surface Protection

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 is not required. Ink saturation over 250% can affect the waterfast properties and show ink bleed.

Dye based inks will yield good color gamut, but bleeding may occur when the images get wet. Overlaminating dye-based inks will not eliminate image bleed, unless the material is completely sealed to a non-porous surface. To avoid perforating the laminate, use banner tape instead of sewing. Dirt and stains cannot be cleaned from the imaged surface and the media can be damaged from excessive folding or creasing.

Tape and Grommeting

Banner tape can be used and is preferred to sewing, as sewing can scratch the coating surface. If you must sew, a double-stitch hem is recommended with a maximum of 5 stitches per inch. 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.

PRODUCT DESCRIPTION

Selected Available Roll Sizes

ITEM NUMBER	WIDTH X LENGTH	QTY. PER CARTON	CORE
OBSCRM2440	24" x 40'	1 Roll	3"
OBSCRM3640	36" x 40'	1 Roll	3"
OBSCRM4240	42" x 40'	1 Roll	3"
OBSCRM6040	60" x 40'	1 Roll	3"



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