



**Océ**

## OBT10 Outdoor Tyvek® Banner

# Outdoor Tyvek® Banner Aqueous Inkjet Media



### Product Description

A 10 mil extremely tear-resistant Tyvek® banner media. Océ OBT10 is designed to provide maximum imaging performance combined with exceptional scratch and water resistance to produce durable outdoor graphics.

### Specifications

#### Physical properties\*

- Caliper - 10 mil nominal
- Weight: 140 gsm
- Opacity - 96%
- Whiteness: 120 (CIE)
- Flame spread Class: A (ASTM E84)

\* Target Values

#### Features

- Outdoor durable
- Extreme tear-resistance
- Scratch resistance
- Water resistance
- Universal compatibility
- Can easily be grommeted and sewn
- Recyclable

#### 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
- One year at conditions noted above
- Allow material to stabilize to room conditions 24 hours before use.

#### Environmental, Health & Safety

- No Material Safety Data Sheet required.
- Waste suitable for recycling or can safely be incinerated.
- Tyvek is rated Class “A” when tested in accordance with ASTM E-84-89a, a test for flame and smoke development.

#### Main Applications

- Outdoor signage
- Hanging Banners
- Tradeshow displays
- Portable displays

#### Printer/ Ink Compatibility

Océ OBT10 is recommended for use with dye and pigment inks in most of today's inkjet printers. Encad, ColorSpan, Hewlett-Packard, Mimaki, Roland, Mutoh and Epson series dye and pigment based inks. The cutting mechanism should be disabled when printing this material.

#### Light Fastness

Ink fade time is a direct result of the inks used and the environment in which the print is displayed. All dye-based inks fade noticeably when they are in direct contact with direct sunlight or where fluorescent or other UV producing light is present. UV enhanced inks, pigment-based inks and UV inhibiting laminates can slow the fading process that is inherent to all inkjet inks. Contact the ink manufacturer to determine the suitability of the ink for the application intended.

# Océ display graphics printing inkjet media supplies

## Water Resistance and Image Protection

For 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 water-fastness properties and show ink bleed. While dye-based inks yield good color gamut, bleeding may occur when the image gets wet. Laminating will not eliminate image bleed when using dye-based inks, unless the print is completely sealed to a non-porous surface. Dirt and stains cannot be cleaned from the imaged surface. Avoid excessive folding and creasing.

## Color Matching and Software Settings

For the best most consistent results, a profile should be created using an external color calibrator in conjunction with your RIP and color matching software. When using this material with EnCad GO inks, utilize the UCR (Under Color Removal) technique that replaces composite black (CMY) with the appropriate amount of black ink. To optimize print quality, printers should be set to the highest quality and media selection should be “heavy-coated”. Ink coverage up to 350% is recommended.

## Handling and Finishing Recommendations

Due to the absorptive nature of the coating, you should avoid touching the coated surface of the material. It is recommended that cotton gloves be used when handling inkjet coated materials. Rolls are wound with the coated side facing out.

Océ OBT10 can be overlaminated with both thermal (max. 185°F.) and pressure sensitive laminates. Make sure that prints are completely dry prior to laminating. Cold pressure-sensitive adhesives are recommended for mounting.

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 hams cross so that the grommet is through 4 layers. A reinforced corner is also recommended to increase durability. Banner tape can be used and is preferred to sewing. 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 its intended application.

## Selected available roll sizes

| Item Number | Width x Length | Qty. per Carton | Core |
|-------------|----------------|-----------------|------|
| OBT1002410  | 24" x 10'      | 1 roll          | 2"   |
| OBT1002460  | 24" x 60'      | 1 roll          | 2"   |
| OBT1003660  | 36" x 60'      | 1 roll          | 2"   |
| OBT1004260  | 42" x 60'      | 1 roll          | 2"   |
| OBT1005460  | 54" x 60'      | 1 roll          | 2"   |

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## Océ North America

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