

## Océ Economy Cotton - TBEC290

*For indoor signage and promotional banners*

<b>Product Description</b>	Heavy 100% cotton textile with an inkjet receptive topcoat for both dye and pigment inks.		
<b>Physical Properties</b>	Weight no liner	290±20 g/m <sup>2</sup> (9.4 oz./yd <sup>2</sup> )	
	Component	100% Cotton	
	Caliper	22.0 mil nominal	
	Whiteness	140±10 Whiteness CIE	
<b>Features</b>	<p>Direct printable textile for water-based inks (dye and pigment).                      No post treatment required.                      Good feeding and transportation properties.                      Brilliant colors, even with outdoor inks.                      EconCotton is an economy grade cotton.</p>		
<b>Available sizes &amp; Item Numbers</b>	Width      x              Length 36"            x              50'	Item Numbers TBEC290001	
<b>Storage conditions and Shelf Life</b>	Temperature 50-86°F. (10-30°C). Relative Humidity 30-70%. Please repack opened rolls when not in use. Two years at conditions noted above. Allow material to adapt to room conditions 24 hours before printing.		
<b>Environment, Health &amp; Safety</b>	No Material Safety Data Sheet required. Material not suitable as paper waste for recycling. Waste can be disposed of as cotton media.		
<b>Main applications</b>	This product is designed for a variety of banner applications, indoor signage banners & flags. Presentation displays and trade show exhibit graphics.		
<b>Lamination Tips</b>	Lamination is not applicable.		
<b>Outdoor Suitability</b>	This product is not for outdoor use. However, the material can be used with pigment inks. Pigment inks will reduce print fading, but no water fastness.		
<b>Processing Tips</b>	Print in a dust and dirt free environment (60-85°F, 30-70%RH). Use process black as opposed to composite black for optimum results. Color profiles (Océ 5350 will improve image quality). Océ equipment color profiles are available from the Océ website: <a href="http://www.oceusa.com">http://www.oceusa.com</a> . For HP 2x00 and 3x00 printers use "test media" to determine best setting for printing.		
<b>Compatibility Chart</b>	For printer compatibility tables and to find out what printers this product works best with, go to <a href="http://www.oceusa.com">www.oceusa.com</a> and download the latest version Océ compatibility chart.		

### Océ-Imaging Supplies

Product Info

### Economy Cotton

Display Graphics

Version 1

8-17-01



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## Application Tips

This information is presented as a general guide only and is not a performance guarantee. Test first!

This product will provide acceptable print image quality and dry times when used with the recommended OEM ink sets as noted in the Printer Compatibility chart below. The user should independently determine, prior to use, the suitability of the material for the specific purpose.

Recommended minimum surface application temperature for these products is 40°F.

## User Tips

Printed side is the outer side of the roll.

Daily check cleaning of cartridges is recommended.

Best results between 60-80°F 15-25°C and 30-65% RH (Higher humidity will increase drying time - lower humidity can cause curl).

When using cotton for banners or flags, the edges should be hemmed and sewn to prevent fraying.

Recommended ink laydown max. 250%..

Remove frays before printing, loose frays may touch the printing head.

With all printers, it is recommended to disable the cutter.

Loading EconCotton in HP printer, a useful tip is to attach a piece of paper to the leading edge of the EconCotton.

When applying grommets, they should be inserted in double hemmed edges.

Prior to starting your print job make a prime test plot.

If all nozzles are not open, redo this test or make a "color test" print.

Keep cartridges and their environment as clean as possible.

Clean the service station assembly with water on a regular base (preferably each day).

Keep electrical contacts, flex cables and carrier clean from ink.

Switch on the Auto Wipe mode.

Be sure that the ink system is "closed"; there should be no air in the ink tubing system.

Refill cartridges correctly (refer to the printer manual).

Store cartridges correctly (use "print head garage").

## Color Profiles

### Display Graphics printers

For all Océ inks specific color profiles were developed to obtain maximum image quality.

Color profiles are ink, media and machine specific.

Profiles are available from website <http://www.oceusa.com/resourcecenter>

## Performance on major Display Graphics Media

For performance of these inks on the various Océ Media please refer to the Product Information Sheets of the media.



### Océ-USA, Inc.

#### Océ-Imaging Supplies

1800 Bruning Drive West

Itasca, IL 60143-1093

1-800-323-4827

[www.oceusa.com](http://www.oceusa.com)

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