



Roland DG is widely recognised for pioneering the development of the Eco Solvent revolution with the launch of it's popular Eco-SOL then the advanced ECO-SOL MAX™ ink range to preserve the environment while maintaining the highest quality standards.

With the new Eco-MEDIA range of solvent medias hosts a variety of medias specifically designed to work with Eco-Solvent printers with BIODEGRADABLE substrates to replace traditional PVC substrates.



Imagine.  **Roland**®



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Eco-CANVAS 1370mm x 22m

Eco-CANVAS is an acid-free, matte finish, artist stretch canvas for long term, fade resistant fine art or photo reproductions when imaged with solvent and eco-solvent ink jet printers. The polyester/cotton blend has a specifically designed coating which delivers superior colour gamut and resolution. Eco-CANVAS has the added bonus of water resistance when printed with solvent inks

Media Specifications

Caliper.....	15 +/-3mils (375 microns)
Basis Weight.....	300 +/-45 g/m2 (8.8 oz/yd2)
Gloss (60o).....	3.9
Whiteness.....	81
Optimum Printing Conditions.....	70 degrees Fahrenheit (35-70% RH)
pH value.....	7.2



Eco-WET STRENGTH PAPER 1370mm x 45m

Eco-DISPLAY is a low cost eco alternative media, this single sided coated paper is designed to meet the demands of high production eco-solvent ink jet printers. This latex-saturated, wet strength paper features a smooth surface which offers a distinctive luster finish. Strength, flexibility and durability are hallmark traits of this media. It resists cracking when folded, and film lamination is not required for most intended short term applications. Product passes Class A Flame spread tests (ASTM E-84) as manufactured.

Media Specifications

Caliper.....	9.9mil
Basis Weight.....	212 g/m2 (6.2 oz/yd2)
Gloss (75o).....	42
Sheffield Smoothness.....	15
Tensile Strength (MD/MC).....	.60/48 (lbs/in)
Tear Strength (MD/MC).....	200/185 (g)
% Opacity.....	95%
% Elongation.....	8/14 %
Wet Expansion.....	2.07 %
Optimum Printing Conditions.....	70 Degrees Fahrenheit (35-70% RH)



Eco-WET STRENGTH PAPER 1370mm x 23m with-adhesive

Eco-DISPLAY is a low cost eco alternative media, this single sided coated paper is designed to meet the demands of high production eco-solvent ink jet printers. This latex-saturated, wet strength paper features a smooth surface which offers a distinctive luster finish. Strength, flexibility and durability are hallmark traits of this media. It resists cracking when folded, and film lamination is not required for most intended short term applications. Product passes Class A Flame spread tests (ASTM E-84) as manufactured.

Media Specifications	with-adhesive
Caliper.....	6mil
Basis Weight.....	140 g/m ² (4.1 oz/yd ²)
Gloss (75o).....	55
Sheffield Smoothness.....	18
Tensile Strength (MD/MC).....	50/37 (lbs/in)
Tear Strength (MD/MC).....	115/110 (g)
% Opacity.....	95%
% Elongation.....	9.3/16 %
Wet Expansion.....	2 %
Optimum Printing Conditions.....	70 Degrees Fahrenheit (35-70% RH)



Eco-BANNER 1370mm x 30m / 1370mm x 50m / 2500mm x 50m

Eco-BANNER is made from "CORN" and will begin to breakdown in land fills in 4 weeks and totally disappears into a sodium powder in 3 - 5 years. No toxins are released. This media is a durable white, flexible substrate readily available in seamless up to 61'4" or 5 metres. Tear and fade resistant, it will withstand all types of weather conditions. Eco-BANNER has been engineered to be the "FIRST" truly environmentally friendly, biodegradable PVC sign material. It is well suited for applications that require a front-lit digitally printed sign or banner.

Media Specifications	
Support cloth.....	Polyester
Yarn.....	1100 x 1100 dtex
type of Coating.....	PVC
Total Weight.....	450 gsm
Tensile Strength (warp/weft).....	2400/2400 N/5cm
Tear Strength.....	250/250 N/5cm
RF Weldable.....	Yes
Low Temperature No crack at.....	Low at -15
Flame Resistance.....	NEPA 701, CA Fire Marshall, NYC MEA



Eco-DISPLAY 1370mm x 30m

Eco-DISPLAY is a glossy polypropylene banner for indoor and roll up applications and is specifically designed for solvent and eco-solvent ink jet printers. Eco-DISPLAY is a cost effective solution for printing short term, high resolution glossy graphics, banners, P.O.P. displays, roll up displays and posters.

Media Specifications	
Caliper.....	8 mils (200 microns)
Basis Weight.....	155 g/m ² (4.5 oz/yd ²)
Gloss.....	78
Whiteness.....	87
Brightness.....	90
Optimum Printing Conditions.....	70 degrees Fahrenheit (35-70% RH)

