



Seldenrod

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Panagraphics™ III

Wide Width Flexible Substrate For Cut Film Decoration and Piezo Inkjet Direct Printing

XWX300910436-320

Product Description

Panagraphics™ III has a smooth front surface and a semi gloss finish. Decorating options included direct printing with Piezo Inkjet inks before attaching it to an extrusion, or decorate it with printed or unprinted cut film before or after attaching it to a frame or extrusion. The substrate is a cost-effective choice for seamless, wide width backlit signs used in medium to long-term installations.

Advantages

- Can be attached to a variety of extrusions
- Direct Piezo Inkjet printing
- Decorate with cut or screen printed film before or after attaching to a frame or extrusion
- Flame-resistant. See Flammability on page 5.

Applications and Uses

Panagraphics substrate is intended for making durable, flexible signs when used with the listed Compatible Products in the following applications.

- Indoor and outdoor, day and night graphics for backlit signs

Limitations of Uses

Our supplier specifically does not recommend or warrants the following uses, but please contact us to discuss your needs or recommend other products.

- Removing existing graphics and reusing the substrate
- Graphic decoration with more than three layers of film (base film plus overlamine)
- Using Scotchcal™ Overlamine 3640GPS or SC3642GPS for graphic protection
- Second surface film decorating

DURBAN

Unit 9,
3 Hillhead Road,
Mount Edgecombe
Tel: (031) 539-7663 • Fax: (031) 539-5483

Compatible Products and Equipment

Cut Film Decoration

- Scotchcal™ Translucent Film Series 3630
- Scotchcal™ Translucent Film Series IJ3630-20, RG3630-20 and FN3630-20
- Scotchcal™ Translucent Film Series 2330

Direct Piezo Inkjet Printing

- VUTEK® 150, 2360/3360, 3300/5300
- Piezo Inkjet Series 1500v2
- Printer 2500 UV
- Piezo Inkjet Series 2600UVv2
- Durst Rho 160R Printer
Piezo Inkjet Series 2700UV
- VUTEK® QS2000/QS3200
Piezo Inkjet Series 2800UV
- Mutoh Spitfire Extreme 65/90/100 and
- Mutoh Blizzard 65/90
Piezo Inkjet Series 600

Graphic Protection Options

- Screen Print Gloss Clear 1920DR
- Screen Print UV Gloss 9720UV/9720i
- Scotchcal™ Luster Overlamine 8519
- Scotchcal™ Matte Overlamine 8520 Page 2 of 6
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These are typical values for unprocessed product.

Contact your Seldenrod representative for a custom specification.	
Characteristics	Value
Substrate	White-pigmented vinyl with a Polyester scrim
Thickness	0.054 cm ± 0.001
Roll sizes	A variety of widths ranging from 150 cm to 419 cm x 50 m (59 inches to 165 inches x 164 feet.)
Service temperature range	-30°C to +70°C (-22°F to +158°F)
Light transmission	21% ± 2 %
Tensile strength	<i>Typical</i>
Tear weft	15 kg/cm (85 pounds/inch)
Tear warp	13.4 kg/cm (75 pounds/inch)
Tensile weft	26.6 kg/cm (150 pounds/inch)
Tensile warp	26.6 kg/cm (150 pounds/inch)
Weight	650 g/m ² (19 ounces/sq. yd.)
Maximum finished size	58 m ² (625 square feet) per warranted face
Gloss	30 (typical) with 60° gloss meter
Whiteness index (reflective)	W.I. (E313) = 100 minimum
Approval Standards	NFPA 701.1 & NFPA 701.2 U.L.48 – Standard for Electrical Signs: Recognized Component ASTM E84, Class 1 DIN 4102 Part 1, class B 1

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