

## Air Dot Clear / ES

5.2 mil ClearPVC with Dot adhesive technology designed for bubble free application

### Features and Benefits:

- ◆ Easy installation
- ◆ Bubble free
- ◆ Permanent adhesive

Part Number	Size	Core	
ES-ADC54164	54"x164	3"	
ES-ADC2720	27"x20'	3"	

### Cautions:

- Leave an unprinted boarder around print
- 1 day dry time suggested before mounting
- Lamination recommended to reduce PVC shrinkage
- Can leave residue
- Material and surface must be cool for removal or adhesive may stay on the surface
- Dry application only

### Physical Properties:

Parameter	Value
Thickness (mil)	5.2
Coating	Resin
Base Material	PVC, Calendered
Surface	Glossy

### Applications:

- ✓ Labels and decals
- ✓ Window advertisements / Graphics
- ✓ Retail aisle banners

### Compatibility:

- \* Eco Sol
- \* Solvent
- \* UV
- \* Latex

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The above information is based on research believed to be reliable but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purchases.

## Air Dot White / ES

5.2 mil WhitePVC with Dot adhesive technology designed for bubble free application

### Features and Benefits:

- ◆ Easy installation
- ◆ Bubble free
- ◆ Permanent adhesive

Part Number	Size	Core	
ES-ADW54164	54"x164	3"	
ES-ADW2720	27"x20'	3"	

### Cautions:

- Leave an unprinted boarder around print
- 1 day dry time suggested before mounting
- Lamination recommended to reduce PVC shrinkage
- Can leave residue
- Material and surface must be cool for removal or adhesive may stay on the surface
- Dry application only

### Physical Properties:

Parameter	Value
Thickness (mil)	5.2
Coating	Resin
Base Material	PVC, Calendered
Surface	Glossy

### Applications:

- ✓ Labels and decals
- ✓ Window advertisements / Graphics
- ✓ Retail aisle banners

### Compatibility:

- \* Eco Sol
- \* Solvent
- \* UV
- \* Latex

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## Alternative Banner / ES

10.5 mil, 260 gsm. Flexible and tear resistant latex saturated wet strength non-woven banner.

### Features and Benefits:

- ◆ PVC Free / Phthalate Free
- ◆ FSC® Certified
- ◆ Bright White, Satin Finish
- ◆ Quick Dry
- ◆ Tear resistant. Hem, grommet, or sew.
- ◆ Recyclable

Part Number	Size	Core
ES-AB30150	30"x150'	3"
ES-AB38150	38"x150'	3"
ES-AB54150	54"x150'	3"
ES-AB60150	60"x150'	3"
ES-AB3020	30"x20' Test Roll	3"

### Physical Properties:

Parameter	Value
Base Weight	250 gsm
Caliper	10 mil
Brightness	95%
Opacity	98%

### Applications:

- ✓ POP Displays
- ✓ Temporary Outdoor Displays
- ✓ Pocket Sewn Banner
- ✓ Wall Covering
- ✓ Alternative to 8 oz. Vinyl Scrim Banner

### Typical Characteristics:

Parameter	Value
Tear MD/CD	300/300 (Elmendorf Tear / Grams)
Tensile MD/CD	95/60 (Pounds per Inch)
Shelf Life (70°F, 50% RH)	2 years

### Compatibility:

**\* Eco Sol \* Solvent \* UV\* Latex**

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## Artist Gloss Canvas / ES

18 mil. Poly-cotton canvas with a traditional acrylic “gesso” coating and a gloss finish. Suitable for stretching and framing.

### Applications:

- ❖ Murals
- ❖ Kiosk & POP Displays
- ❖ Soft Signage
- ❖ Fine Art

### Compatibility:

- \* Solvent
- \* Eco Solvent
- \* UV
- \* Latex

Part Number	Size	Core	Weight
ES-AGC56150	56"x150'	3"	58 lbs.
ES-AGC60150	60"x150'	3"	79 lbs.
ES-AGC3010	30"x10' Test Roll	3"	3 lbs.

### Advantages

- Water resistant coating
- Fast Dry
- Flexible coating to avoid cracking when stretched
- Designed for long-term indoor applications

### Physical Properties:

Parameter	Value	Test Method
Weight	11 oz. / sq. yd. 373 g / sq. m	ASTM D3776-96
Tensile Strength	249 / 149 lbf (warp/fill)	ASTM D2261-96
Material	65% Poly / 35% Cotton	
Brightness	97	CIE L*
Gloss Level	6	
Thickness	18 mil	
Coating Color	White	
Printable Sides	Single coated side compatible with solvent, latex, and UV cure inks.	

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## Artist Poly Canvas / ES

17 mil Satin polyester canvas

### Features and Benefits:

- ◆ Can be stretched without cracking
- ◆ Excellent color brilliance and image definition
- ◆ No lamination required
- ◆ Quick Dry
- ◆ High durability, scratch-resistant

Part Number	Size	Core
ES-APC3075	30"x75'	3"
ES-APC30150	30"x150'	3"
ES-APC6275	62"x75'	3"
ES-APC62150	62"x150'	3"
ES-APC3020	30"x20' Test Roll	3"

### Physical Properties:

Parameter	Value
Base Weight	360 g/m <sup>2</sup>
Caliper (mil)	17 mil
Finish	Satin
Fabric Weave	6x6

### Applications:

- ✓ Ideal for photographic and art prints

### Compatibility:

\* Eco Sol \* Solvent \* UV\* Latex

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## Artist Semi Matte Canvas / ES

15.5 mil Semi matte canvas designed for high end art reproductions, photography, and POP décor.

### Applications:

- ❖ High Volume Art Reproductions
- ❖ Photography
- ❖ High End POP/décor

### Ink Compatibility:

- \*Eco Solvent
- \*Solvent
- \* UV
- \* Latex

Part Number	Size	Core
ES-SMC30150	30"x150'	3"
ES-SMC54150	54"x150'	3"
ES-SMC60150	60"x150'	3"
ES-SMC3020	30"x20' Test Roll	3"

### Physical Properties:

Parameter	Value
Weight	353 gsm
Thickness	15.5 mil
Canvas Composition	65% Poly / 35% Cotton
Weave	1 x 1
Coating	Acrylic / Latex Primers
Color and Finish	Natural White / Semi-Matte
Texture	Light Texture
Whiteness	84
Brightness	87
Gloss 60°	4.3
Lab	L: 95.5a: 0 b: 1.3

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## Brick Art / ES

2.4mil gloss white flexible vinyl with a removable gray-pigmented adhesive with an Air Flow ReleaseLinerfor easier, faster graphics installation on painted brick and textured cement.

### Applications:

- ❖ Painted brick
- ❖ Irregular wall surfaces

### Ink Compatibility:

- \*Eco Solvent
- \*Solvent
- \* UV
- \* Latex

Part Number	Size	Core
ES-BA54150	54"x150'	3"
ES-BA2715	27"x15' Test Roll	3"

### Advantages

- Air FlowRelease Liner for reduced wrinkling and air bubbles
- 7 year outdoor durable gloss white flexible vinyl
- Solvent gray removable adhesive

### Physical Properties:

Parameter	Value
Face Material	2.4 mil flexible vinyl
Color and Finish	White Gloss
Adhesive	Gray pigmented removable acrylic
Liner	90# liner

### Typical Characteristics:

Parameter	Value
Target Adhesion Values (PTSC-1, 180° Peel @12"/min, 73°F, on Stainless Steel)	15 min – 1.5 lbs. 24 hrs. – 2.5 lbs.
Minimum Application Temperature	50°F
Service Temperature Range	-40°F to +80°F
Shelf Life (70°F, 50% RH)	2 years
Outdoor Durability (ASTM G53)	7 years

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## DuPont Tyvek ES

11 mil, 100% recyclable DuPont Tyvek ES features a special durable coating for Solvent, Eco Solvent, UV, and latex printers.

### Applications:

- ❖ Indoor / Outdoor Banner
- ❖ Replaces PVC Banner
- ❖ Lightweight Recyclable Banner
- ❖ Store Signage POP

### Ink Compatibility:

- \*Eco Solvent
- \*Solvent
- \* UV
- \* Latex

Part Number	Size	Core
ES- DTK30100	30"x100'	3"
ES- DTK60100	60"x100'	3"
ES-DTK3020T	30"x20' Test Roll	3"

### Advantages

- 100% Recyclable Polyethylene
- Durable
- Special coating produces a vivid wide color gamut
- Can be sewn, grommited, or hemmed with tape
- Lightweight
- Fungus Resistant

### Physical Properties:

Parameter	Value
Weight	145 ± 5%
Whiteness	>120 CIE
Tensile Strength	63.64(MD) Test Method ASTM D5035
Tear Strength	MD: 8.0N, XD: 7.3N
Temperature Resistance	-100 to -270°F (-56 to -14°C)
Flame Rating	Class A Flame Spread Rating
Opacity	>98%
Lab Values	L*: >97; a*: 3.4± 0.5; b*: -8± 1.0
Optimal Environment	60-80°F with 50% Relative Humidity

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## Dura White DS - LU

Ultra durable, water, tear, and stain resistant White Polyester Film that is compatible for Latex and UV printing. Printable on both sides. Available in 8 mil and 10 mil, and can be special ordered in 14mil.

### Features and Benefits:

- ◆ No need to laminate
- ◆ Very tough - Tear Resistant, Water Proof, and Outdoor Tough
- ◆ Lays flat, anti-curl
- ◆ Scuff Resistant

8 mil Part Number	Size	Core
DW836100	36"x100'	3"
DW854100	54"x100'	3"
DW83620	36"x20' Test Roll	3"
10 mil Part Number	Size	Core
DW1036100	36"x100'	3"
DW1054100	54"x100'	3"
DW103620	36"x20' Test Roll	3"

### Physical Properties:

Parameter	.008	.010
Surface	Matte Finish – Both Sides	
Whiteness	M1 CIE: 121.90	
Opacity	96.4	98
M0 Lab Values	L*: 97.15 a*: .32 b*: -5.15	
M1 Lab Values	L*: 97.93 a*: .68 b*: -6.31	
Temperature Range	-41 to 230°F	

### Applications:

- ✓ POP Signage
- ✓ Trade Show Graphics
- ✓ Promotional Roll-Up Banners
- ✓ Indoor / Outdoor Signage
- ✓ Menus / Maps / Event Signage

### Compatibility: \* UV\* Latex

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## Satin 200 / ES

200 gsm / 7 mil High quality photo poster paper with a satin surface.

### Applications:

- ❖ POP Displays
- ❖ POS Signage
- ❖ Trade Show Graphics
- ❖ Window Graphics
- ❖ Fine Art/ Photographic

### Ink Compatibility:

- \*Eco Solvent
- \*Solvent
- \* UV
- \* Latex

Part Number	Size	Core
ES-S20030150	30"x150'	3"
ES-S20030300	30"x300'	3"
ES-S20054150	54"x150'	3"
ES-S20054300	54"x300'	3"
ES-S20060150	60"x150'	3"
ES-S20060300	60"x300'	3"
ES-S2003020	30"x20' Test Roll	3"

### Advantages

- Bright white
- Scratch resistant coating
- Water resistant
- Wide color gamut
- High resolution

### Physical Properties:

Parameter	Value	Unit
Thickness	185 ±7	µm
Weight	196 ±7	g/m <sup>2</sup>
Gloss (60°)	20 ± 5	%
Lab Values	L 96.6 ± 1.0 a 0.2 ± 0.5 b 2.5 ±0.7 *b 13.5 ± 0.8	
Whiteness (D65/10°)	>140	
Opacity	>90	
Laminability	Hot & Cold	

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