



## SynDECOR® 23g Beige Opaque OPP Film

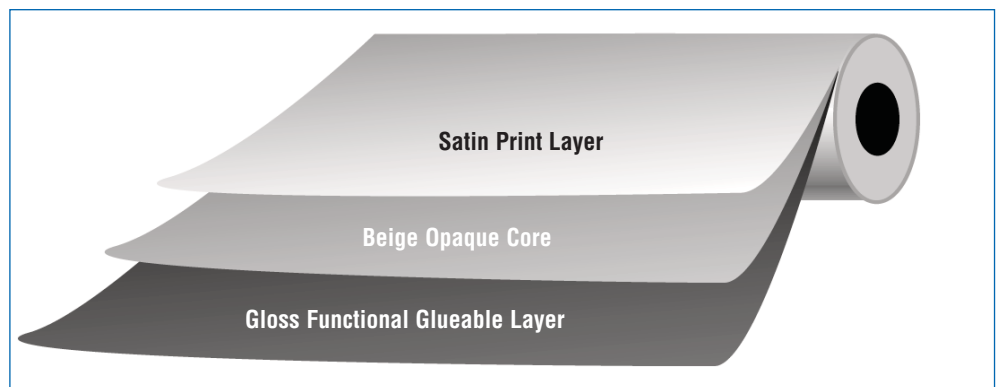
### Applications

- Ideally suited for flat laminations and profiles where a water-resistant, environmentally-sensitive, cost-effective overlay would be of value. Applications include
  - RTA Furniture
  - Cabinets
  - Shelving Systems
  - Store Fixtures
  - Case Goods
  - Closets
  - Mouldings
  - Office Furniture
  - Wall Panels

### Features

- Water resistance (>48hr)
- Consistent adhesion performance
- UV stable
- Ideal for miter-folds
- Excellent barrier to Formaldehyde
- Recyclable
- High print fidelity
- Dimensionally stable
- High opacity
- Tear resistant

SynDECOR® is a polypropylene-based decorative overlay that is UV stabilized for durability and functionality engineered to adhere to UF, EVA and PVA-based adhesives. Featuring a patented technology, this highly engineered product has a smooth, non-absorbent surface that is ideal for high print fidelity and topcoat performance. Its superior balance of properties includes exceptional water resistance, excellent adhesion, UV stability and it is recyclable.



### Slit Roll Information

Thickness Gauge	Yield in <sup>2</sup> /lb	Basis Weight lbs/ream	Slit Roll Factors	
			Standard length	lbs/in width
90	31,070	14.1	67,257 ft	26.6

### Slit Roll Information – Metric

Thickness Microns	Yield m <sup>2</sup> /kg	Basis Weight g/m <sup>2</sup>	Slit Roll Factors	
			Standard length	g/mm width
22.9	44.2	23	20,500 m	475

### Contact Us

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Standard rolls are 32 inches (813 mm) in diameter, wound on 6-inch (152 mm) ID paper cores. Standard widths are 51 and 62.5 inches. Other widths are available on request.

Note: SynDECOR must be topcoated for use as a finished decorative overlay. It is the Topcoating that provides scratch, mar, abrasion and stain resistance. The physical properties of the printed and/or coated SynDECOR are available from your supplier. For a list of recommended adhesives contact your supplier.

SynDECOR® is a registered trademark of AET Films, Inc.

# SynDECOR® 23g Beige

## Film Properties

### Optical Properties

Printable Side	
TAPPI Opacity <sup>(2)</sup>	84

### Barrier Properties

WVTR <sup>(3)</sup>	0.45
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### Surface Properties

Surface Tension (dynes)	
Printable Side	42
Glueable Side	N/A

### CIE Color

L*	82.5		
a*	0.9	$\Delta E^*$	1.0
b*	16.4		

### Physical Properties

	Machine Direction	Transverse Direction
Tensile strength, psi	14,000	28,000
Tensile modulus, psi	200,000	360,000
Elongation, %	160	45
Shrinkage at 275°F, % <sup>(1)</sup>	6	5

## Film Properties – Metric

### Optical Properties

Printable Side	
TAPPI Opacity <sup>(2)</sup>	84

### Barrier Properties

WVTR <sup>(4)</sup>	6.98
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### Surface Properties

Surface Tension (dynes)	
Printable Side	42
Glueable Side	N/A

### CIE Color

L*	82.5		
a*	0.9	$\Delta E^*$	1.0
b*	16.4		

### Physical Properties

	Machine Direction	Transverse Direction
Tensile strength, kg/mm <sup>2</sup>	9.84	19.69
N/mm <sup>2</sup>	96.53	193.1
Tensile modulus, kg/mm <sup>2</sup>	140.6	253.1
N/mm <sup>2</sup>	379	2,482
Elongation, %	160	45
Shrinkage at 135°C, % <sup>(1)</sup>	6	5

(1) AET Method

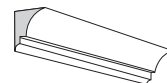
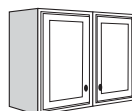
(2) ASTM D-589

(3) g/100in<sup>2</sup>/24 hr at 100°F, 90% RH

(4) gm/m<sup>2</sup>/24 hr at 38°C, 90% RH

(5) TBD

## Key Market Applications



Data presented on these pages represent typical properties only. Specifications are available upon request. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.