

RADIANT LINEN TPG 100-EC1

Thermal Lamination Film - Coarse Linen
BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

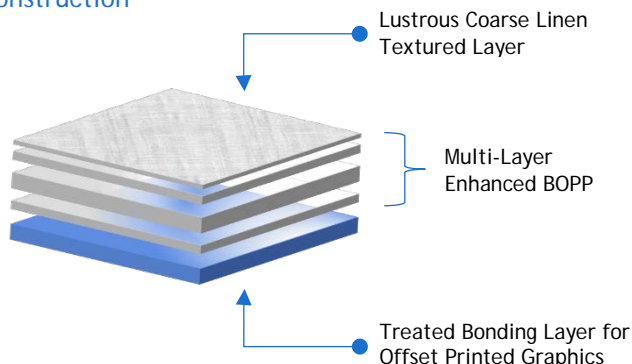
Product Description

RADIANT LINEN™ TPG 100-EC1 is a textured, innovative BOPP film with an embossed coarse linen layer on the outside and an extrusion coated bonding layer on the opposite surface. Proprietary film technology provides pattern stability after thermal lamination with unprinted and printed paper, paperboard and cardboard.

Key Features

- Superb deep linen finish for a luxurious art feel
- Excellent pattern stability after lamination
- Controlled, anti-static performance
- Strong lamination bond with paper
- Suitable for one-side lamination

Construction



Applications and Conversion

- Product is as an overlamine film to provide a luxurious linen finish for premium paper boxes, notebooks, and diaries
- The adhesive side provides excellent bonding to traditional oxidative offset and UV offset printed media
- The printed surface should be well dried before lamination
- Application-specific testing is recommended for suitability for all coating, printing and laminating processes

Typical Properties

Property		Unit	45 TPG 100-EC1	Test Method
Unit Weight		g/m ²	37	Internal Method
		lb/msi	0.053	
Yield		m ² /kg	27.0	ADTM D 4321
		in ² /lb	19,087	
Treatment	Bonding Side	mN/m	40	ASTM D 2578
Lamination Temperature	Bonding Side	°C	100-120	ASTM D 1204
		°F	210-250	

The technical information and data shown on this page should be considered representative or typical only and should not be used for specification purposes.

Availability

TPG 100-EC1 rolls are wound with adhesive side in; TPG 100-EC2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

Regulation

RADIANT LINEN™ TPG 100 family of films comply with the applicable FDA and European legislation for most applications involving direct food contact. For specific applications please request Coatall's Declaration of Compliance document.

Storage

Store in a dry (preferably <50% RH) location at 2°C (35°F) to 30°C (85°F). This product is suitable for use for 6 months from the date of delivery.