

RADIANT DIGI TPG 150-AA1

THERMAL LAMINATION FILM - GLOSS DIGI PRINT
BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

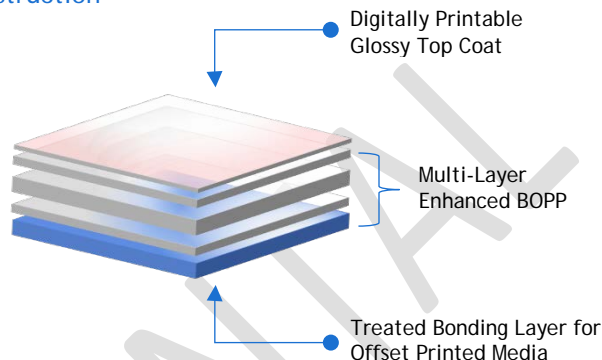
Product Description

RADIANT DIGI™ TPG 150-AA1 is a clear, HP Indigo printable top-coated BOPP film with an extrusion coated bonding surface specifically formulated for thermal lamination with paper, paperboard and cardboard printed with traditional oxidative offset or UV offset inks.

Key Features

- Topcoat is printable with a range of digital toner inks
- Excellent adhesion to most common glues
- High gloss enhances color and depth of image
- Controlled and low COF for robust handling
- Outstanding lamination bond with printed paper

Construction



Applications and Conversion

- Printable with a wide range of digital print engines including HP Indigo, Xerox, Xerox iGen and DocuColor
- Top coating is suitable for digital finishes, gluing, hot foil stamping, UV spot and water-based coatings
- Product designed as an overlamine film for book covers, magazine covers, premium cosmetic, and beverage boxes
- For two-side laminations, allow enough time to cool between lamination operations
- Application-specific suitability testing is recommended for coating, printing and laminating processes

Typical Properties

Property		Unit	30 TPG 150-AA1	Test Method
Unit Weight		g/m ²	26.5	Internal Method
		lb/msi	0.038	
Yield		m ² /kg	37.70	ADTM D 4321
		in ² /lb	26,456	
Gloss	45°	%	58	ASTM D 2457
Treatment	Glossy Side	mN/m	38	ASTM D 2578
	Bonding Side		40	
COF	Dynamic	-	0.25	ASTM D 1894
Lamination Temperature	Bonding Side	°C	90-110	ASTM D 1204
		°F	195-230	

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 150-AA1 rolls are wound with adhesive side in; TPG 150-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

Regulation

RADIANT DIGI™ TPG 150 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.