

**RADIANT DIGI TPG 300-AA1**

**THERMAL LAMINATION FILM - GLOSS DIGITAL**  
**BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)**

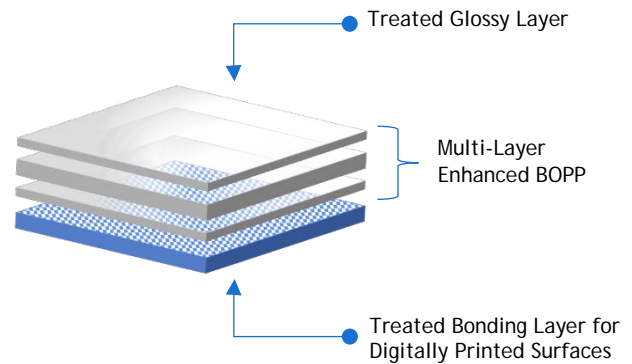
**Product Description**

RADIANT DIGI™ TPG 300-AA1 is a clear, two-side treated premium BOPP film with an innovative adhesive technology engineered for thermal lamination with digitally printed surfaces or digital inks with hard-to-adhere dense ink coverage or high fuser oil content.

**Key Features**

- Outstanding adhesion to digitally printed media
- Super clarity adhesive for sharp graphics
- High gloss surface enhances color and depth of image
- Controlled, anti-static performance
- Non yellowing, bright film for long lasting protection

**Construction**



**Applications and Conversion**

- Bonding layer is designed for digital toner inks, including toners with high amount of fuser oils
- Film is suitable for lamination with digitally printed paper, paperboard as well as BOPP and BOPET films
- Film is ideal for applications involving photo albums, photo books, photo cards, magazines, book covers and calendars
- Application-specific suitability testing is recommended for coating, printing and laminating processes

**Typical Properties**

Property		Unit	30 TPG 300-AA1	Test Method
Unit Weight		g/m <sup>2</sup>	26.5	Internal Method
		lb/msi	0.036	
Yield		m <sup>2</sup> /kg	37.70	ADTM D 4321
		in <sup>2</sup> /lb	27,676	
Gloss	45°	%	57	ASTM D 2457
Treatment	Glossy Side	mN/m	38	ASTM D 2578
	Bonding Side		42	
COF	Dynamic	-	0.25	ASTM D 1894
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 300-AA1 rolls are wound with adhesive side in; TPG 300-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

**Regulation**

RADIANT DIGI™ TPG 300 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.