

RADIANT TPG 120-AA1

THERMAL LAMINATION FILM - Gloss GSP

BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

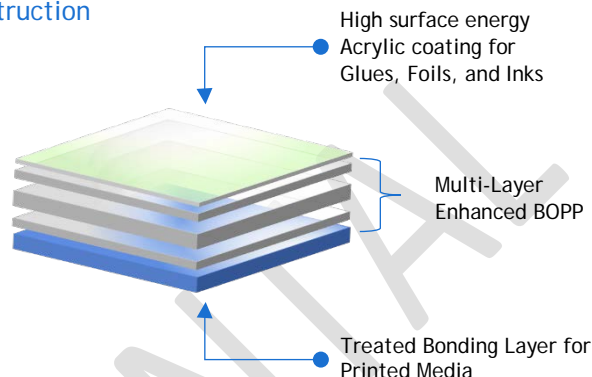
Product Description

RADIANT™ TPG 120-AA1 is a clear, acrylic top-coated BOPP film with an extrusion coated adhesive designed for thermal lamination with printed paper, paperboard and cardboard. Acrylic side is Glueable, Stampable & Printable.

Key Features

- Strong adhesion of glues, foils & water-based coatings
- Printable with offset, UV offset and screen inks
- Stable and high surface energy
- Excellent anti-static performance flawless feeding
- Controlled and low COF for easy separation
- Strong lamination bonds with printed paper

Construction



Applications and Conversion

- Acrylic surface is suitable for most glues and post-lamination finishes such as embossing, hot foil stamping, coatings
- Acrylic surface is printable with a range of inks such as traditional offset, UV offset, and screen inks
- The adhesive side is designed to provide excellent adhesion to traditional offset and UV offset printed media
- Compatibility of glues with the film surface should be confirmed prior to use
- Application-specific suitability testing is recommended for coating, printing and laminating processes

Typical Properties

Property		Unit	27 TPG 120-AA1	Test Method
Unit Weight		g/m ²	24.0	Internal Method
		lb/msi	0.034	
Yield		m ² /kg	41.6	ADTM D 4321
		in ² /lb	29,369	
Gloss	45°	%	58	ASTM D 2457
Surface Energy	Coated Side	mN/m	44	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 120-AA1 rolls are wound with adhesive side in; TPG 120-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

Regulation

RADIANT™ TPG 120 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.