

## RADIANT PHOTO TEG 200-AA1

Thermal Lamination Film - Gloss Photo  
 Biaxially Oriented Polyester (BOPET)

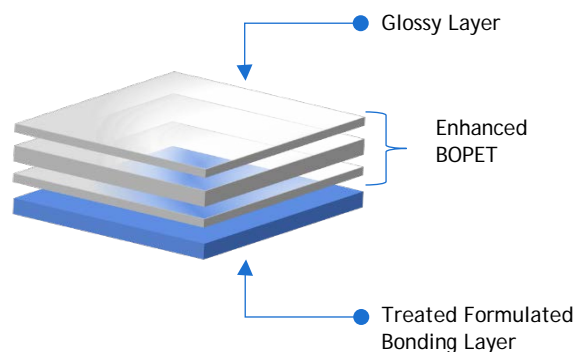
### Product Description

RADIANT PHOTO™ TEG 200-AA1 is an ultra-clear, one-side treated BOPET film with an extrusion coated bonding layer for use in thermal lamination with digitally printed synthetic photographic papers. The film also exhibits excellent adhesion to traditional offset and UV offset printed media.

### Key Features

- Ultra-high clarity for sharp, true-color images
- Strong bond with digitally printed filmic substrates
- Superb protection against wear and tear
- Anti-static for trouble free conversion
- Suitable for one-side and two-side laminations

### Construction



### Applications and Conversion

- Product designed as an overlamine film for photographs printed with HP Indigo, inkjet and dry toner inks
- Product is not suitable for digital printing processes using dry toners with high fuser oil content
- The printed surface should be well dried before lamination
- For two-side laminations, allow enough cooling time between lamination operations
- Application-specific testing is recommended for suitability for all coating, printing and laminating processes

### Typical Properties

| Property               |              | Unit                | 27 TEG 200-AA1 | 37 TEG 200-AA1 | Test Method     |
|------------------------|--------------|---------------------|----------------|----------------|-----------------|
| Unit Weight            |              | g/m <sup>2</sup>    | 27.5           | 37.5           | Internal Method |
|                        |              | lb/msi              | 0.039          | 0.053          |                 |
| Yield                  |              | m <sup>2</sup> /kg  | 36.4           | 26.7           | ADTM D 4321     |
|                        |              | in <sup>2</sup> /lb | 25,564         | 18,742         |                 |
| Gloss                  | 45°          | %                   | 80             | 80             | ASTM D 2457     |
| Treatment              | Glossy Side  | mN/m                | ---            | ---            | ASTM D 2578     |
|                        | Bonding Side |                     | 42             | 44             |                 |
| Lamination Temperature | Bonding Side | °C                  | 100-140        | 100-140        | ASTM D 1204     |
|                        |              | °F                  | 210-285        | 210-285        |                 |

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

TEG 200-AA1 rolls are wound with adhesive side in; TEG 200-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are available subject to negotiation.

### Regulation

RADIANT PHOTO™ TEG 200 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.