

**MATTE ALLURE DIGI™ TPM 300-AA1**

**THERMAL LAMINATION FILM - MATTE DIGITAL**

BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

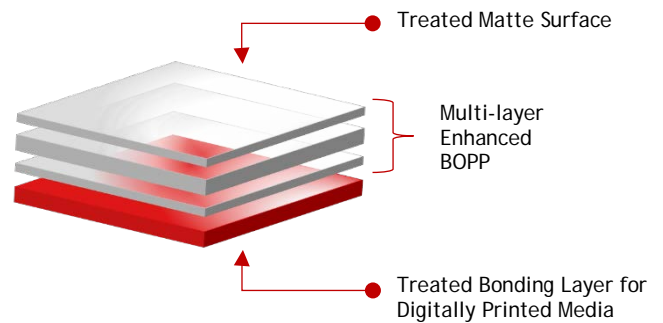
**Product Description**

MATTE ALLURE DIGI™ TPM 300-AA1 is a matte, two-side treated premium BOPP film with an innovative adhesive technology engineered for thermal lamination with digitally printed media. This film also exhibits excellent adhesion to dark or heavy ink coverage areas and toners with fuser oils.

**Key Features**

- Outstanding adhesion to digital toner inks
- Ultra-high bond strength
- Strong bonding with dry toners with fuser oil
- Smooth matte finish for alluring graphics
- Accepts embossing, UV spot and hot foil stamping

**Construction**



**Applications and Conversion**

- Bonding layer is designed for digital toner inks, including digital inks with high fuser oil content
- Film is suitable for lamination with digitally printed paper, paperboard as well as BOPP and BOPET films
- Product designed as an overlamine film for photos, book covers, premium cosmetic and beverage boxes
- The matte surface is compatible with UV spot, Hot Foil and Cold Foil finishing
- For two-side laminations, allow enough time to cool between lamination operations
- Application-specific testing is recommended for suitability for all coating, printing and laminating operations

**Typical Properties**

Property		Unit	30 TPM 300-AA1	42 TPM 300-AA1	Test Method
Unit Weight		g/m <sup>2</sup>	26.5	37.6	Internal Method
		lb/msi	0.038	0.053	
Yield		m <sup>2</sup> /kg	37.7	26.6	ADTM D 4321
		in <sup>2</sup> /lb	27,012	18,937	
Gloss	45°	%	<10	<10	ASTM D 2457
Treatment	Matte Side	mN/m	42	42	ASTM D 2578
	Bonding Side		44	46	
Lamination Temperature	Bonding Side	°C	100-120	100-120	ASTM D 1204
		°F	210-250	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**

TPM 300-AA1 rolls are wound with adhesive side in; TPM 300-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

**Regulation**

MATTE ALURE DIGI™ TPM 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.