COATALL FILMS
Technology to Achieve

SILK ALLURE™ TPM 400-AA1

THERMAL LAMINATION FILM - MATTE SILKY

BIAXIALLY ORIENTED POLYPROPYLENE (BOPP)

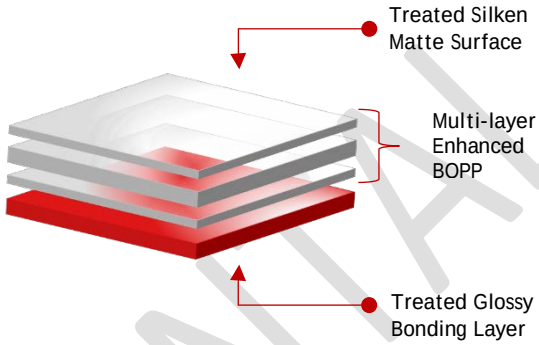
Product Description

SILK ALLURE™ TPM 400-AA1 is a silky alluring matte, two-side treated BOPP film with an extrusion coated bonding surface specifically designed for thermal lamination with offset printed paperboard and cardboard.

Key Features

- Smooth matte layer enriches images
- Silken matte surface is resistant to scratches
- Strong lamination bond with paper
- Anti-static for trouble free conversion

Construction



Applications and Conversion

- Product designed as an overlaminate film for photos, book covers, paper bags, premium cosmetic and beverage boxes
- The printed surface should be well dried before lamination
- 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	27 TPM 400-AA1	Test Method
Unit Weight		g/m^2	22.5	Internal Method
		lb/msi	0.032	
Yield		m^2/kg	44.4	ADTM D 4321
		in^2/lb	31,874	
Gloss	45°	%	>30	ASTM D 2457
Treatment	Matte Side	mN/m	40	ASTM D 2578
	Bonding Side		42	
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

TPM 400-AA1 rolls are wound with adhesive side in; TPM 400-AA2 rolls are wound with adhesive side out. Alternative film thicknesses are possible subject to negotiation.

Regulation

SILK ALLURE™ TPM 400 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.