

## MATTE ALLURE TEM 200-AA1

### THERMAL LAMINATION FILM - MATTE

BIAXIALLY ORIENTED POLYESTER (BOPET)

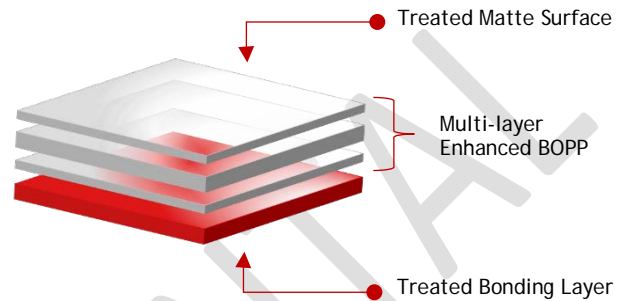
#### Product Description

MATTE ALLURE TEM 200-AA1 is an alluring matte, two-side treated BOPET film with an extrusion coated bonding surface specifically designed for thermal encapsulation with offset printed paperboard and cardboard. Rolls are paired for curl-free, two-sided lamination.

#### Key Features

- Strong film-to-film and film-to-substrate bonding
- Resistant to smudges and scratches
- Resistant to elongation and tear
- Superb protection against wear and tear
- Anti-static for trouble free conversion

#### Construction



#### Applications and Conversion

- Product is designed for encapsulating offset printed business cards, placemats, menus, banners and posters
- Encapsulation provides total seal around the printed material for extended durability and protection
- The printed surface should be well dried before lamination
- For two-side laminations, allow sufficient time for cooling between lamination operations
- Application-specific testing is recommended for suitability for all coating, printing and laminating operations

#### Typical Properties

Property		Unit	32 TEM 200-AA1	40 TEM 200-AA1	75 TEM 200-AA1	125 TEM 200-AA1	250 TEM 200-AA1	Test Method
Unit Weight		g/m <sup>2</sup>	33.5	43	73.6	125	250	Internal Method
		lb/msi	0.050	0.061	0.107	0.178	0.356	
Yield		m <sup>2</sup> /kg	29.9	23.2	13.7	8.0	4.0	ADTM D 4321
		in <sup>2</sup> /lb	20,105	16,345	9,385	5,625	2,813	
Gloss	45°	%	< 8	< 8	< 8	< 8	< 8	ASTM D 2457
Treatment	Matte Side	mN/m	40	40	40	40	40	ASTM D 2578
	Bonding Side		40	40	40	40	40	
Lamination Temperature	Bonding Side	°C	100-140	100-140	100-140	100-140	100-140	ASTM D 1204
		°F	210-285	210-285	210-285	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

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

#### Regulation

MATTE ALLURE TEM 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.