



## Data Information Sheet

### White Matte/Matte or Clear Matte/Matte - Printing Grade

Matte PVC has been engineered for use in the printing industry. It has excellent printing characteristics as well as customized impact properties. Typical applications of this material are for; offset printed cards, including membership cards, telephone cards, credit cards and other types of promotional and gift cards. Special additives available include (but not limited to):

Customized Impact Strengths: HXX=High, VXX=Very High, EXX=Extra High.  
Corona Treatment: Dyne level of 40 and above for at least one month post calender production.  
Custom Colors: Clear, Opaque Colors, Tinted Colors.

<u>Property</u>	<u>Test Method</u>	<u>Typical Values</u>		
Thickness (mils)	**	7.0 ~ 30.0 (roll & sheet)		
Thickness Tolerance	**	± 5%		
Width Tolerance	**	± 1/16" (roll), ± 1/32" (square cut sheet)		
Gloss Value (60°)	ASTM-D523	CR 4/5: 14↓ / 10 ↓		
Specific Gravity	ASTM-D792	1.34 ± 0.02 (translucent) 1.40 ± 0.04 (opaque)		
Tensile Strength (psi)	ASTM-D638	6000 min.		
Elongation (%)	ASTM-D638	100 min. (20 mil↓), 70 min. (20.1 mil↑)		
Heat Distortion temp. (°F@264 psi)	ASTM-D648	152 ± 5		
Vicat Softening Temp. (°C)	ASTM-D1525	89 ± 2		
Dyne Level	ASTM-D2578	CR4=34 min. / CR5=38 min.		
Surface Roughness (Ra, microinch)	**	60 ± 25		
Impact Strength		HXX	VXX	EXX
Cold Break Temperature	ASTM-D1790	-4 °F	-22 °F	-31 °F (glossy side out)

Note: ASTM-D1790 is based on the Annual Book 1992. The other ASTM methods above are based on the Annual Book 1999 and have been modified to suit practical applications.

\*\* Factory Product Self Inspection and Test Methods.

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