

Rigid Vinyl Film



PRODUCT OVERVIEW

Rigid PVC film with a gloss or matte surface has been engineered for use in the printing and thermoforming industries. It has excellent printing characteristics as well as customized impact properties.

Applications include:

Offset printed cards, including membership cards, and telephone cards. This material can also be screen printed or used on digital formats for sign, nameplate, and point of purchase applications.

TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	UNITS	VALUES
Thickness	-	mils	5.0 ~ 10.0 (roll) 10.0 ~ 30.0 (roll & sheet)
Thickness Tolerance	-	-	± 7% (7.0 mil ↓) ± 5% (7.1 mil ↑)
Width Tolerance	-	-	± 1/16" (roll), ± 1/32" (square cut sheet)
Gloss Value (60°)	ASTM D523	-	135 ± 10 (lightly tinted transparent) 100 ± 25 (deeply tinted transparent) 90 ± 15 (opaque)
Specific Gravity	ASTM D792	-	1.34 ± 0.02 (translucent) 1.40 ± 0.04 (opaque)
Tensile Strength	ASTM D638	psi	6000 min.
Elongation	ASTM D638	%	100 min. (20 mil ↓), 70 min. (20.1 mil ↑)
Heat Distortion Temperature	ASTM D648	°F@264 psi	152 ± 5
Vicat Softening Temperature	ASTM D1525	°C	89 ± 2
Dyne Level	ASTM D2578	-	CR4=34 min. / CR5=38 min.
Impact Strength	-	-	HXX VXX EXX
Cold Break Temperature	ASTM D1790	°F	-4 -22 -31