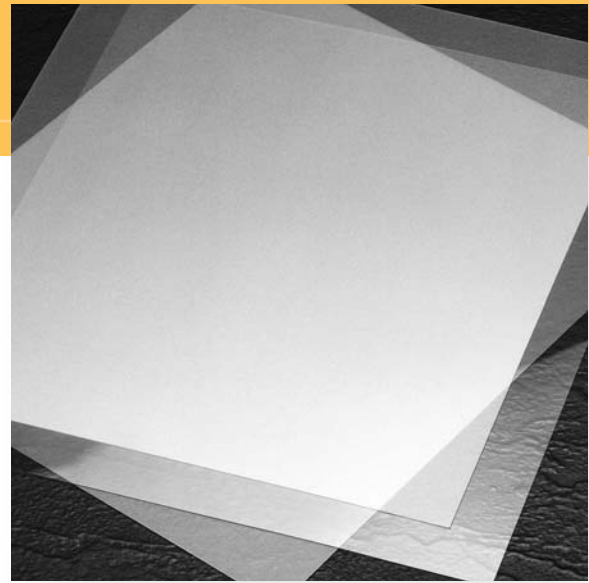


Polyester Film



PRODUCT OVERVIEW

Curbell's polyester film has outstanding mechanical and dielectric strength. This film is durable and dimensionally stable. It has low water absorption and good chemical resistance. These properties remain constant over a wide range of temperatures and humidity levels.

Applications include:

- Labels
- Membrane switch overlays
- Packaging
- Nameplates

TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	UNITS	VALUES
GENERAL			
Nominal Thickness	SKC Method	gauge (μm)	1000 (250.0)
OPTICAL			
Haze	ASTM D1003	%	60
MECHANICAL			
Tensile strength	ASTM D882	psi (Kg/mm^2)	MD - 26,000 (18) TD - 28,000 (20)
Elongation@break	ASTM D882	%	MD - 190 TD - 130
THERMAL			
Heat shrinkage	SKC Method 30 minutes@ 150°C	° F	MD - 2.80 TD - 2.00
ELECTRICAL			
Dielectric strength	ASTM D149	Kv	23

Unit correlation: gauge = $\mu / 0.254$
 psi = $\text{Kg}/\text{mm}^2 \times 1422.3$
 $\text{N}/\text{mm}^2 = \text{Kg}/\text{mm}^2 \times 9.8$

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