



## Polyester Premium Gloss 125mic 2/3 Construction

### PRODUCT SPECIFICATIONS

Key Features:

- Polyester-based lamination films
- Offers good dimensional stability for both side lamination jobs
- Low-melt co-polymer ensures excellent bond strength

### Electrical Performance:

Properties	Test Method	Unit	Value
Break Down Voltage (BDV)	ASTM-D149	kV	9.0
Dielectric Strength	-	kV/mm	180
Surface Resistivity	ASTM-D257	Ohm	10 <sup>12</sup>
Volume Resistivity	ASTM-D257	Ohm/m	10 <sup>16</sup>

### Product Specifications

Film Gauge	125mic	Bond Strength	>60 N/25mm
Polyester Content	50mic	Process Temperature*	110° - 130°C
Adhesive Content	75mic		

\*All temperatures specified are purely for guidance. Actual process specifications are dependent on machine type, running speed and pressure. This film is produced with good manufacturing practice under a certified quality system in compliance with ISO 9001:2015, ISO14001:2015, ISO45001:2018 and FSSC 22000 V5.1.

### Component Specification

Polyester (PET)					Copolymer (Resin)			
Property	Units	MD	TD	Test Method	Property	Units	Value	Test Method
Tensile Strength	Kg/cm <sup>2</sup>	1900	2000	ASTM D-882	Tensile Strength	Kg/cm <sup>2</sup>	138	ASTM D638
Haze	%	1.8		ASTM D-1003	VA Content	%	18	HCC Method
Shrinkage	%	1.6	1.4	ASTM D-1204	Melting Point	°C	85	ASTM D3417
Melting Temp	°C	255 - 260		ASTM E794-85				

### Typical Applications

High clarity, low seal thermal lamination film suitable for document lamination like ID Pouches, Displays, Menus, Photographs, Wallcharts, Posters, Licenses, Promotional Items, etc.

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