

ClearShield™ 5 Mil Smooth Hard Coat Low Melt



ClearShield™ 5 Mil Smooth Hard Coat Low Melt is a low-melt thermal laminating film that can help convert silver-halide-processed photo prints and prints from electrographic (toner-based) presses into indestructible graphics for trade-show and exhibit graphics.

The innovative hard-coat surface provides a high level of scratch resistance. UV inhibitors in the adhesive protect the film and colors in the print from the harmful effects of sustained exposure to sunlight or fluorescent lighting.

The ultra-low-gloss of the film minimizes glare, ensuring that trade show graphics remain easily readable, even under the bright lights of the trade-show floor.

The low-melt adhesives bond so well with photographic prints and bond papers that graphics sandwiched between 5 Mil ArmorGuard Ultra Low Gloss film and one of LexJet's low-melt backers will resist damage such as tunneling or delaminating, even when the graphic panels are repeatedly rolled and unrolled for transport from one trade-show site to the next.

KSP - Perfect for rollable trade-show graphics when paired with LexJet's low-melt opaque backers.

KSP - Non-reflective finish preserves the look and legibility of headers and panels for trade show booths.

KSP - 5-mil, scratch-resistant, hard-coat polyester film with UV inhibitors to protect film and print colors.

Product Highlights

Features	Strengths	Applications
Scratch-resistant topcoat	Highest level of scratch resistance	Trade show graphics
UV resistant	Rigid PET base	Channel graphics
High clarity	Water resistance	Menu boards
		Backlit graphics

Product Properties

Properties	Description
Gauge	Surface: 3 mil Polyester Film; Adhesive: 2 mil Coextrusion
Gloss Level @ 60°	35
Heat Seal Initiation	180° F (78° C) 1/2 sec. dwell @ 40 psi
Processing Temperature Range	180° to 245° F
Coefficient of Friction	Test Method: ASTM D 1894. .40 Kinetic
UVA Absorption	Test Method: Perkin-Elmer Spectrophotometer. 85% Min
UVB Absorption	Test Method: Perkin-Elmer Spectrophotometer. 100%
Abrasion Resistance	Test Method: Taber Abrasion-ASTM D 1044 CS-10F Wheel 500 gram weight: 100 cycles

Item Details

Size	SKU	UPC	Ordering
38'x250"	CSLM3238SHC	848412021363	
51'x250"	CSLM3251SHC	848412021370	