

ClearShield™ 10 Mil Textured Hard Coat Low Melt



ClearShield™ 10 Mil Textured Hard Coat Low Melt laminating film provides a fast, cost-effective option for converting output from digital photo imagers and toner-based presses into durable mural panels and headers for trade-show booth graphics. Resembling polycarbonate and Lexan, ArmorGuard features a textured finish that minimizes glare and the appearance of fingerprints.

The film is backed by a heat-activated (thermal) adhesive that softens and starts bonding to the print at lower temperatures than conventional thermal laminating films.

The one-piece construction and aggressive adhesive of 5 Mil ArmorGuard Ti ensures that the film remains clear and well-bonded, and minimizes the risk of production defects such as silvering, tunneling, and delaminating.

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

KSP - Ideal for efficiently and cost-effectively producing headers and mural panels for trade show booths.

KSP - 10-mil, clear, hard-coat polyester laminating film that resembles polycarbonate or Lexan.

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: 4 mil Polyester Film; Adhesive: 6 mil Coextrusion
Gloss Level @ 60°	20
Heat Seal Initiation	170° F (78° C) 1/2 sec. dwell @ 40 psi
Processing Temperature Range	170° 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"	CSLM7338THC	848412021349	
51'x250"	CSLM7351THC	848412021356	