

TECHNICAL DATA SHEET

CoolFlex® USB 14 oz Smooth Banner

COOLFLEX USB 14 oz Smooth Banner is a smooth, digitally printable, scrim-reinforced vinyl substrate that can be used in a variety of banner applications. COOLFLEX USB 14 oz is opaque, flexible at low temperatures and printable on both sides for a high-resolution image.

Description		Standard	Metric			
Coating Type		PVC				
Scrim Type		Polyester 250 x 250 denier				
Roll Widths		Standard	Metric			
<i>(Custom widths available)</i>		39	1			
		54	1.4			
		61	1.5			
Material Properties		Standard	Metric			
Total Weight (nominal)		14 oz/yd ²	476 g/m ²			
Tensile Strength, 1" Strip	ASTM D751-B	70 x 50 lbs	311 x 222 N			
Tear Strength, Butterfly	ASTM D1004	30 x 20 lbs	133 x 89 N			
Low Temp Bend	ASTM D2136	-30 °F	-34 °C			
Shrinkage (1 hr / 80C)	ASTM D1204	< 2.0%	< 2.0%			
Weldable		Dielectric (RF) or Thermal				
Dyne		38 (min)				
Color (L*a*b)		95 * -1.17 * -1.26				
Gloss		4 - 10				
Contact Angle		90 (minimum)				
Flame Certifications		None				
Applications						
Backlit	Banner	Billboard	Blockout	Bldg Wrap	Displays	Truckside
	•		•		•	
Ink Compatibility						
Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct	Latex
•	•	•	•			•

Note: All inks must be tested for compatibility

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