

COOLFLEX® PVC

12 oz/yd² | 408 g/m²

TECHNICAL DATA

COOLFLEX® PVC Frontlit is a digitally printable, durable, reinforced vinyl substrate, which can be used for both indoor and outdoor applications. CoolFlex® PVC is 100% recyclable* and is available in either white/white or black/white.

Roll Widths (custom widths available)

Standard	Metric
126 in	3.2 m
150 in	3.8 m
174 in	4.4 m
196 in	5.0 m

*Contact Cooley for Reflex recycling program details

Description

Coating Type	PVC
Scrim Type	Polyester 1000 x 1000 denier
Colors	White/White, Black/White

Material Properties	ASTM Test Methods	Standard	Metric
Total Weight (nominal)		12 oz/yd ²	408 g/m ²
Tensile Strength, 1" Strip	D751-B	100 x 55 lbs	445 x 245 N
Tear Strength, Butterfly	D1004 (mod)	10 x 40 lbs	44 x 178 N
Hydrostatic Resistance	D751-B	324 psi	2.2 MPa
Ball Puncture	D751	240 lbs	1,070 N
Low Temp Bend	D2136	-30°F	-34°C
High Temp, Cont / Interm.	1204	180 / 200°F	82 / 93°C
Shrinkage	D1204	< 2.5%	
Fungus Resistant	G21	Yes	
Weldable		Dielectric (RF) or Thermal	
Flame Certifications	NFPA 701, CSFM, ASTM E84 (Class A), UBC 26-7 (Class CC1)		

Applications

Backlit	Banner	Billboard	Blockout	Bldg Wrap	Displays	Truckside
	●	●	●	●	●	●

Ink Compatibility (all inks must be tested for compatibility)

Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct	Eradicable
●	●	●	●	●		

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For further information, please contact Cooley Commercial Graphics:
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