

CoolFlex Backlit substrate features excellent lay-flat properties and a fine scrim, which appears virtually invisible when back lighting is applied.

CoolFlex Backlit is UL approved and uses translucent yarns to provide superior light transmission with minimal distortion. The bright white print surface provides for excellent day and evening color reproduction. CoolFlex is engineered for use with solvent and UV printers, including but not limited to, EFI/Vutek™, HP™, Expedito™ and Durst™.

CoolFlex Backlit features a gloss-matte finish and is available in 16, 18 and 20 ounce weights and standard 55 yard rolls. Custom roll sizes are available.

COOLFLEX® BACKLIT 20 OUNCE BENEFITS:

100% Recyclable

NFPA 701 compliant

Proven Cooley technology

FR and hot air weldable

Consistent white surface for accurate color representation

Superior graphic reproduction produces vibrant, sharp images

All CoolFlex products are 100% recyclable utilizing the Cooley ReFlex Recycling Program. Both ReFlex™ Reuse and ReFlex™ Recycling (fiber separation processing) options provide a certified recovery process that Cooley has implemented for used CoolFlex products nationally. CoolFlex products are available in seamless widths up to 196" (5 meters).

COOLEY OFFERS A COMPLETE LINE OF PRODUCTS FOR DIGITAL PRINTING:

CoolFlex®-printable billboard and banner materials, CoolMesh®-printable meshes, EnviroFlex®-environmentally engineered billboard and banner materials, CoolFlex® Rigid-for tri-face billboards and other specialty digital printing products.

Weathertyte®, CoolFlex®, CoolMesh® and EnviroFlex® are registered trademarks of Cooley Group Holdings, Inc.

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COOLFLEX®

BACKLIT

20 Ounce

Gloss/matte finish

Billboard & Banners



CoolFlex seamless digital printing membranes are used worldwide in these typical applications; billboards, building wraps, construction decoration, murals, transit shelters, trade show graphics and other specialty applications.

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Cooley/Commercial Graphics
WHERE SUSTAINABLE CHEMISTRY MAKES THE DIFFERENCE

Typical Specifications:

COOLFLEX®

Backlit - 20 Ounce

1.0 BASE FABRIC	Polyester, 18X12, 500 denier		Revision Date: 4-7-08
			Ref: 3-10-06
			By: LSR
2.0 COATED FABRIC			
2.1 Total Weight (nominal)	20 <i>oz/yd²</i>	680 <i>g/m²</i>	
2.2 Thickness (nominal)	23 <i>mils</i>	0.58 <i>mm</i>	
2.3 Coating Type	PVC		
3.0 MATERIAL PROPERTIES (minimum)	Standard	Metric	ASTM TEST METHODS
3.1 Tensile Strength, 1" Strip			
Warp	175 <i>lbs</i>	578 <i>N</i>	D751-B
Fill	125 <i>lbs</i>	467 <i>N</i>	
3.2 Puncture, Screwdriver	65 <i>lbs</i>	289 <i>N</i>	D751
3.3 Puncture, Ball	350 <i>lbs</i>	1290 <i>N</i>	D751
3.4 Hydrostatic Resistance	375 <i>psi</i>	2.4 <i>MPa</i>	D751-A
3.5 Adhesion RF	10 <i>lbs/in</i>	17.5 <i>N/cm</i>	D751
3.6 Adhesion Thermal	10 <i>lbs/in</i>	17.5 <i>N/cm</i>	D751
3.7 Low Temp	-20 <i>°F</i>	-29 <i>°C</i>	D2136
3.8 High Temp, Cont/Interm.	180 / 200 <i>°F</i>	82 / 93 <i>°C</i>	D1204
3.9 Flame Resistance (small scale)			
Afterflame	4 <i>sec (max)</i>	4 <i>sec (max)</i>	Calif. State
Char Length	6 <i>in (max)</i>	15 <i>cm (max)</i>	Fire Marshall
3.10 Flame Resistance (large scale)			
Afterflame	2 <i>sec (max)</i>	2 <i>sec (max)</i>	
Char Length	17 <i>in (max)</i>	43 <i>cm (max)</i>	NFPA 701-99

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