

ENVIROFLEX® PE

5.9 oz/yd² | 200 g/m²

Applications:

Indoor / Outdoor
Billboards
POP
Backlit Displays

Widths Available

Up to 196 in | 5 m

Added Benefits:

PVC Free
Recyclable
Lightweight
Strong
Translucent
REACH Compliant

UV Printable



EnviroFlex® PE Backlit is a lightweight, highly durable, recyclable substrate designed for backlit applications. This solution is produced using polyethylene—the world's most recycled plastic—offering excellent translucency for delivering vibrant colors in LED displays. The revolutionary substrate boasts a significantly lower carbon footprint and weight than standard flexible vinyl products, making it an ideal alternative to heavier premium vinyl substrates.

*For further information,
please contact Cooley
Commercial Graphics:*

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ENVIROFLEX® PE

5.9 oz/yd² | 200 g/m²

TECHNICAL DATA

Roll Widths <i>(custom widths available)</i>	
Standard	Metric
196 in	5 m

Description	
Coating Type	PE (white / white)
Scrim Type	Woven PE slit tape

Material Properties	ASTM Test Methods	Standard	Metric
Total Weight (nominal)	D751	5.9 oz/yd ²	200 g/m ²
Tensile Strength, Grab	D5034	190 x 150 lbs	845 x 667 N
Tensile Elongation, Grab	D5034	11%	11%
Tear Strength, Tongue	D751-B	30 x 30 lbs	133 x 133 N
Screwdriver Puncture	D751	30 lbs	133 N
Low Temp Bend	D2136	-30°F	-34°C
High Temp Shrinkage (212°F/100°C)	D1204	≤ 2%	≤ 2%
Fungus Resistant	G21	Yes	
Weldable		Thermal	

Applications						
Backlit	Banner	Billboard	Blockout	Bldg Wrap	Displays	Truckside
●		●				

Ink Compatibility <i>(all inks must be tested for compatibility)</i>							
Solvent	Eco Solvent	UV	Screen Printing	Dye Transfer	Dye Direct	Eradicable	Latex
		●					

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