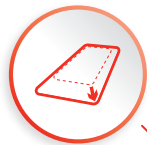
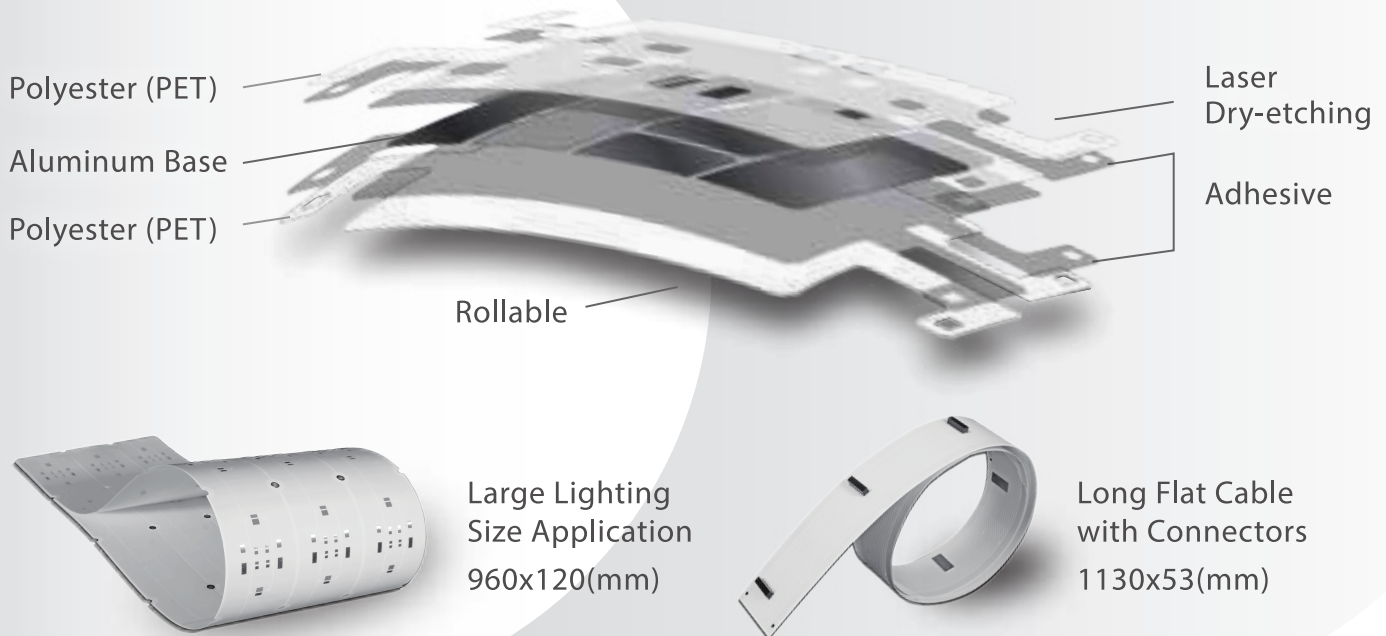


Low Carbon Long Rollable FPC



Embrace the Next-gen Production

Dry-etching Rollable Flexible Printed Circuit



World's Exclusive: Low-carbon Extra-long Flexible Cable



Prototype to Production with No Photomask or Tooling



Lightweight, Rollable and Extended Application



Choose Dry, Eco-Friendly Production

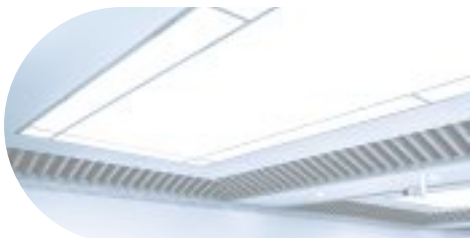


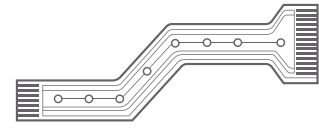
**ESG Pioneer
Leading Production**



**Greenhouse Gas
Reduction 80%**

Cymmetrik circuit boards use a rare dry-etching method, reducing carbon emissions by over 80% and eliminating water pollution in manufacturing. The process avoids the need for new masks and tooling, providing flexibility for rapid prototyping and design changes. Roll-to-roll production allows for ultra-long size applications with circuits lacking fixed edges.





Comparison	DRFPC	FPC
Material	Aluminum	Copper
Length(mm)	1500	600
Weight	Light	Light
Bendable	Yes	Yes
Etching	Dry-etching	Wet-etching
Environmental Friendliness	High	Low
Layer	Single	Multiple

Specification	DRFPC
Metal Base	Aluminum
Layers	Single-side
Hardness	Flexible
Thickness	0.26mm / 0.01inch
Base Operation	Roll / Sheet
Mounting Technology	SMT, Laser Welding, Silver Paste
Etchant	No Solvent
Etching Pollution	No, Laser Dry-etching
Water Pollution	No
Insulating Layer Material	PET、PEN
Length	Unlimited
Width	150mm (330mm, 24Q2)
Standard Testing	TH 85/85, Thermal Shock
Insulation Resistance	1KV
Operating Temperature	Up to 85°C (105°C x 240hrs pass)
Min. Trace Width	0.6mm
Min. Pin Space	0.4mm
Application	Long, Thin and Bendable



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