

LINQCELL CF350

Carbon cloth

- 0.35mm - 350um - 14mil
- Comes in roll form
- >5 mΩcm² TP Resistance

LINQCELL CF350 is a 0.35mm thick carbon cloth without a Microporous layer and PTFE. It is commonly used as a gas diffusion layer and electrode for fuel cells. Its through-plane resistivity is less than 5 mΩcm².

LINQCELL CF350 carbon cloth is typically used in PEM, Phosphoric acid and Direct methanol fuel cell applications as a gas diffusion layer. Carbon cloth based GDLs have performance equal to that of conventional carbon papers. Carbon cloth is more practical than carbon paper because of its superior compressibility, elasticity, and flexibility performance, making it more appropriate for ongoing manufacturing and assembly processes.

Property	Value	Unit
Thickness	0.35	mm
Tensile strength (MD/XD)	10/5.5	N/cm
Basis weight	132	g/m ²
Resistance (TP)	<5	mΩcm ²
Permeability (Air)	<9.5	sec
MPL + PTFE	No	-

TP: Through plane

Storage and Handling

Shelf life is more than 2 years if stored in a dry and cool, well ventilated place at room temperature.

Do not leave exposed to moisture and sunlight for long periods of time.

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