

ELAT™ LT 1400W

We are pleased to offer ELAT by NuVant, a carbon cloth gas diffusion layer (GDL) with a carbon microporous layer as one of the products we carry. ELAT has been engineered to have state-of-the-art performance over a wide range of operating conditions.

GDLs are key components of the membrane electrode assembly of the polymer electrolyte membrane fuel cell (PEMFC). The PEMFC can provide traction, residential and portable power.



Suggested uses

- Fuel cells
- Electrolysis
- Flow through Batteries
- Water clean-up Electrochemistry
- And more!

Property	Unit Measure	Units
Thickness (0.5psi)	Micron	454
Basic Weight	g/M ²	~250
Density	g/cc	0.8
Electrical Conductivity (bulk)	Ohm-cm	~0.002
Air Permeability	ml/(cm ² -sec)	~10
Porosity	Micron	~31
Carbon Content	%	99.5 in woven, variable in coating for hydrophobicity
Web Material	N/A	Woven carbon fiber

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