

## ELAT® Gas Diffusion Layers

We are pleased to offer NuVant's ELAT woven carbon cloth gas diffusion layer (GDL) line. ELAT has been engineered to have state-of-the-art performance over a wide range of operating conditions offering the best of performance at a reasonable price.



### Suggest Uses:

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

Property	Value	Hydrophilic	ELAT LT1400	ELAT LT2400
Thickness	micron	406	454	490
Areal Density	g/cm <sup>2</sup>	0.013	0.017	0.025
Volumetric Density	g/cm <sup>3</sup>	0.346	0.377	0.8
Electrical Conductivity*	mΩcm <sup>2</sup>	0.1	0.17	0.002 Ωcm (bulk)
Air Permeance	L/(m <sup>2</sup> *sec*Pa)	2.156	0.104	10 ml/(cm <sup>2</sup> *sec)
Porosity	%	80	62-64	31 microns
Carbon Content**	%	99.5	99.5	99.5
Microporous Layer	N/A	No	Single Sided	Double Sided
Web Material	N/A	Woven Cloth	Woven Cloth	Woven Cloth

\* Through plane, 400 lb load, 100 cm<sup>2</sup> sample

\*\* In woven, variable in coating for hydrophobicity

**Catalyzed ELAT also available with a typical two to three day lead time.**

Email us for more information:

[sales@fuelcellstore.com](mailto:sales@fuelcellstore.com)

PO Box 9230

College Station, Texas 77842