

GRAPHITE FELTS

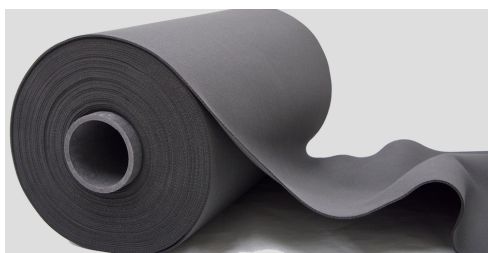
FOR FLOW BATTERIES

Product Highlights:

- ✓ Activated by AvCarb®
- ✓ Highly Uniform Construction
- ✓ Low Thru Plane Resistance
- ✓ High Purity
- ✓ Superior Conductivity

Contact us for any questions or sales information:

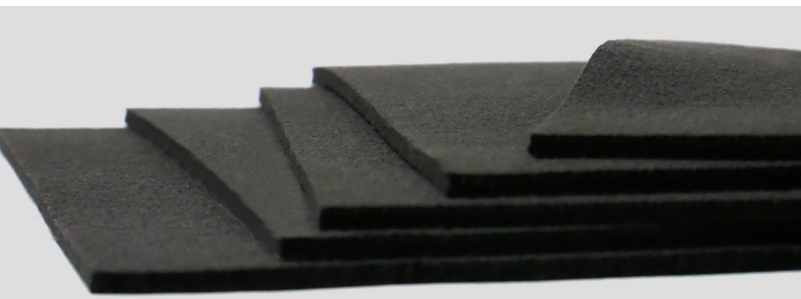
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PRODUCT OVERVIEW

AvCarb PAN-based felts are optimized to deliver both superior energy efficiency and long-term durability throughout the life of your electrochemical system.

With redox flow battery developers in mind, AvCarb felts are engineered to exhibit low thru-plane resistance and exceptional electrolyte flow. Our manufacturing processes ensure an ultra-high purity, highly uniform product with negligible batch-to-batch variation. All felt electrode products are precision die cut and include our proprietary Activated by AvCarb® treatment. Standard thicknesses range from 2.8mm to 6.0mm and custom thicknesses are available upon request.



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STANDARD PRODUCTS



Property	G300A	G450A	G600A
Nominal Thickness (mm @ 1.7kPa)	3.4	4.4	6.1
Compressed Thickness (mm @ 43kPa)	3	3.7	4.7
Areal Weight (g/m ²)	300	446	639
Bulk Density (g/cm ³ @ 1.7 KPa)	0.09	0.1	0.11
Thru Plane Resistance (mΩ-cm ² @ 43 kPa)	125	125	109

