

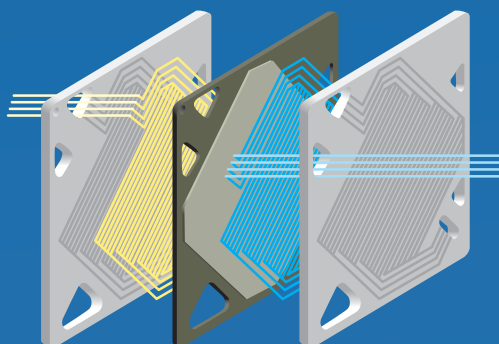


**Henkel**

**Acheson™**

## FUEL CELL COATINGS SELECTION GUIDE

Henkel's Acheson™ high performance conductive coatings for metallic bipolar plates have been in use for over 5 years. Choose from a selection of coatings and GDL impregnates for PEM-Fuel Cell applications and realize superior corrosion protection, conductivity and component performance.



Product	Aquadag® E	Dag® 6039	Dag® EB-023	Dag® EB-815
Solvent	Water	Water	Acheson™ SB-3 Solvent	Acheson™ SB-3 Solvent
Electrical Resistance (ohm/sq/25 µm)	<30	<10	<30	<15
Feature	Conductive graphite/carbon dispersion in water; easy application. Chemical compatibility and film porosity for application onto gas diffusion layer membranes for gas distribution and water management in fuel cells.	Highly conductive carbon dispersion that mixes easily into your impregnate formulation.	High quality solvent base conductive coating for metallic bipolar plate use for a variety of acid fuel cell applications.	High quality solvent base conductive coating for metallic bipolar plate use for a variety of acid fuel cell applications.
Benefit	Easy application and multi-compatibility allows for versatile custom formulations for impregnating technical textiles for GDL applications.	Easy application and multi-compatibility allows for versatile custom formulations for impregnating technical textiles for GDL applications.	Effective electrical conductivity and acid-corrosion resistance. Excellent adhesion to metallic substrates.	Maximized electrical conductivity for peak performance. Excellent adhesion to stainless steel with superior corrosion resistance for durability and longevity of performance.

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