

DURALIFE®

DuraLife® is a new, high performance polyethylene battery separator specially designed for starting, lighting and ignition (SLI) lead-acid batteries. DuraLife's patented design significantly improves battery performance, reduces grid corrosion and improves battery life



Advantages

- Excellent for high under hood temperature applications
- Oxidation resistance is improved by 40%
- Leachable organic carbons are reduced by 50%
- Electrical resistance is 10% lower than comparable polyethylene separators
- Patented negative cross-rib design increases separator strength
- Available in a wide range of automotive profiles and sizes
- Approved for use in aftermarket and OEM battery applications

Benefits

- Extends battery life by up to 25%
- Battery water loss reduced by over 40% for antimony alloys and over 20% for non-antimony alloys
- Improved envelope runnability; rejects reduced by up to 60%
- Envelope punctures are reduced by more than 50% when used with expanded metal grids

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Performance Comparison Between DuraLife and Competing Polyethylene Separators

Attributes	Units	DuraLife®	Daramic HP
Water Loss			
Antimony Alloy	g/Ah	1.2	1.9
Non-Antimony Alloy	g/Ah	0.7	0.9
Oxidation Resistance (Peroxy, 40 Hours)	%	175	125
Electrical Resistance	mΩ-cm ²	50	50
Leachable Organic Carbons	ppm	150	300
Runnability	% Envelope Rejects	X/2	X

DARAMIC®

A **POLYPOR** Company

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