

Daramic HD

Daramic HD is a polyethylene battery separator specifically designed to minimize water loss due to antimony poisoning in lead acid batteries used in heavy duty deep cycle applications such as traction, stationary, and golf car batteries.



Advantages

- Incorporates a special slow release organic additive, which counteracts the effects of antimony migration
- Reduces the effects of antimony poisoning, comparable with rubber separators
- High puncture and oxidation resistance
- High porosity for lower electrical resistance
- Available in roll form or cut piece, with or without glass mat

Benefits

- Superior performance for enveloping on high-speed equipment
- Extends battery life compared to conventional separators
- Counteracts the negative effects of antimony migration
- Superior oxidation resistance ensures longer battery life
- Reduces battery water loss

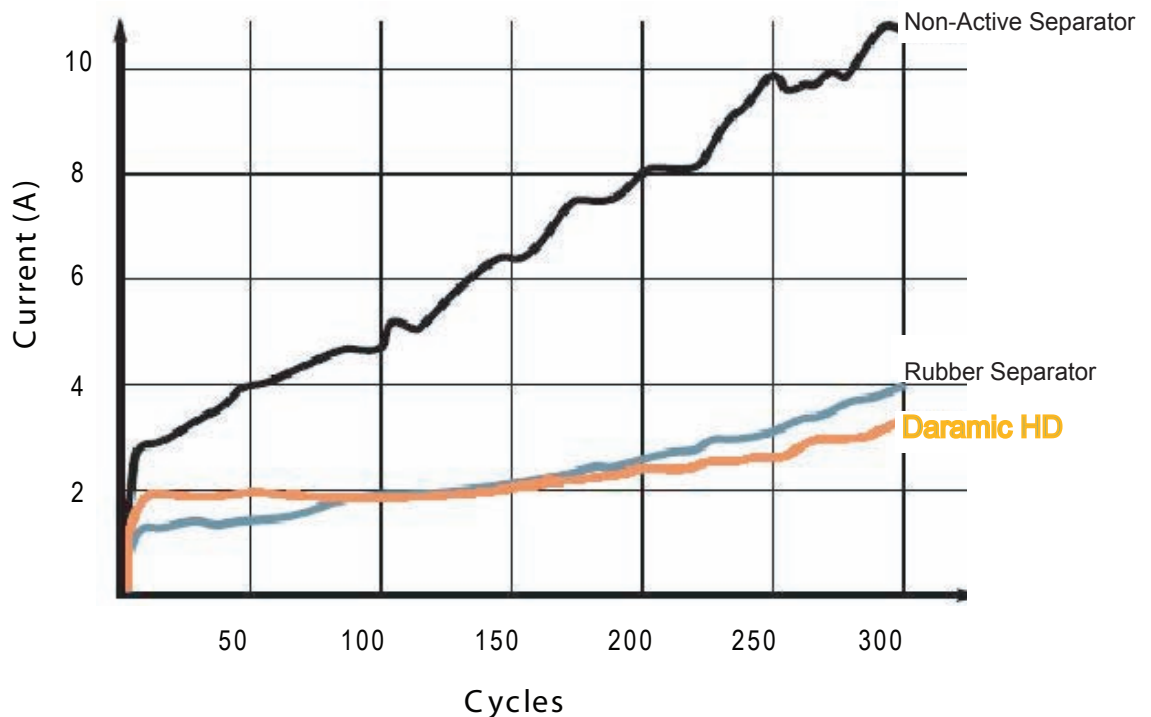
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Properties of Daramic HD

Electrical resistance, as well as elongation depend on the profile and backweb thickness. Products with different backweb thickness and various profiles are available.

Attributes	Unit	Typical Value
Backweb Thickness	μm	300
Electrical Resistance	mΩ-cm ²	190
Porosity	%	55
Elongation (CMD)	%	200
Dimensional Stability	%	-1.0
Backweb Oil	%	15-17
Total Oil	%	19-21

Battery test results with industrial separators
55 °C, IU (2.4 V)



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