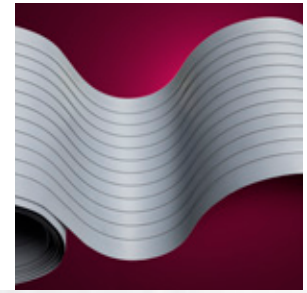




MICROPOROUS™

Proven. Partner. Focus.



DuroForce™ Ultra

Low Backweb, High Puncture Resistance for Automotive Batteries

DuroForce™ Ultra offers major automotive lead acid battery manufacturers high puncture resistance and backweb thickness as low as 0.150 mm.

Description:

DuroForce™ Ultra is formulated from ultra-high molecular weight polyethylene, amorphous silica and specially formulated oil and offers excellent puncture and oxidation resistance for increased life of flooded lead acid batteries.

Advantages:

- High puncture resistance
- High oxidation resistance
- High porosity
- High wettability
- Low acid displacement
- Low electrical resistance



Features:

- Several profiles (major rib designs) available
- Available with or without glass mat
- Long and reliable SLI power
- Available with backweb thickness from 150µm to 350µm

DuroForce™ Ultra Separator Properties

Backweb Thickness (µm)	150
Electrical Resistance (mΩ·cm ²)	50
Volume Porosity (%)	60
Total Oil Content (%)	17
Elongation (CMD) (%)	350
Puncture Resistance (N)	14

DuroForce™ Ultra

DuroForce™ Ultra offers major automotive lead acid battery manufacturers high puncture resistance and backweb thickness as low as 0.150 mm, and this is without a loss of mechanical strength.

Key Applications:

- Automotive SLI
- Trucks
- Buses
- Motorcycles
- Marine
- Lawn & Garden



Microporous is a leading, dedicated and highly specialized manufacturer of battery separators for flooded lead acid batteries.