

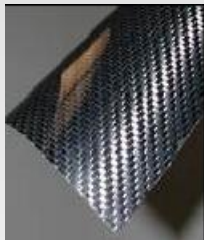
HIGH TECH PRODUCTS FOR A BETTER WORLD

Research



Capacitor

+

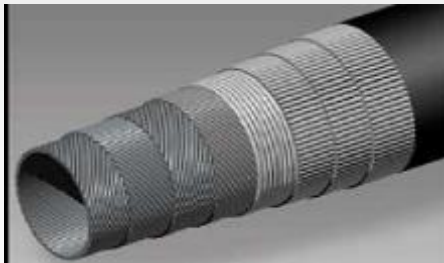


Composite

=



Weight (Volume)



Structural Capacitor

=



Less* Weight (Volume)

Structural Capacitor

Benefits

- ❑ Replace or augment batteries
- ❑ Customize energy storage design to discharge requirements
- ❑ Better load following
- ❑ Improved peak power capability
- ❑ Significant weight, space, and cost savings.
- ❑ Improved reliability due to redundancy
- ❑ Practically unlimited shelf life
- ❑ Operational Capabilities
- ❑ Targets are 50% weight and 50% volume reductions compared to thermal batteries
- ❑ Reduced cost due to combined structural-functional components

