



FOR IMMEDIATE RELEASE:

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AllCell Technologies announces the launch of FlexPCC™ Material

Chicago, IL - AllCell Technologies, LLC (AllCell), an industry leader in lightweight, compact, and safe lithium-ion battery packs, is thrilled to announce the launch of a new thermal material called "FlexPCC™". The product is designed to be used as a combination heat sink and thermal shield in lithium-ion battery packs.

FlexPCC™ offers the same phase change material and graphite based thermal management technology as AllCell's original PCC material, with improved flexibility and lower thermal and electrical conductivity. These qualities make it ideal for shielding battery cells from external heat sources such as solar heating or engines. It also helps create a thermal barrier in the event of thermal runaway.

FlexPCC™ offers these key attributes:

- Flexible to be compatible with unique geometries
- Combines heat storage, modest thermal conductivity, mechanical robustness, and viscoelastic properties
- Mechanically robust for applications subjected to mechanical vibration and impact
- Hard and flexible at PCC solid temperature, and very soft and resilient at PCC liquid temperature
- Thermal, electrical, and mechanical properties can be customized to suit various applications
- Can be used for thermal management applications such as heat sink, heat storage, insulation, etc.



FlexPCC shown as flat sheet and with multiple bends

For more information on AllCell's FlexPCC™ material, please contact info@allcelltech.com

About AllCell Technologies

AllCell Technologies, www.allcelltech.com, designs and manufactures lithium-ion battery packs for transportation and renewable energy application. The company's patented thermal management technology is based on the use of Phase Change Composite (PCC) material to surround each lithium-ion cell, absorbing and conducting heat away to dramatically extend the life of the cells and protect against fire or damage to the battery.