



# BLUESHIFT

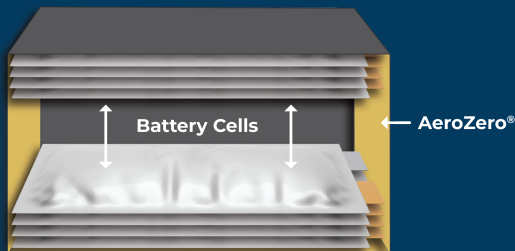
## BATTERY PACK PROTECTION

### CORE TECHNOLOGY:

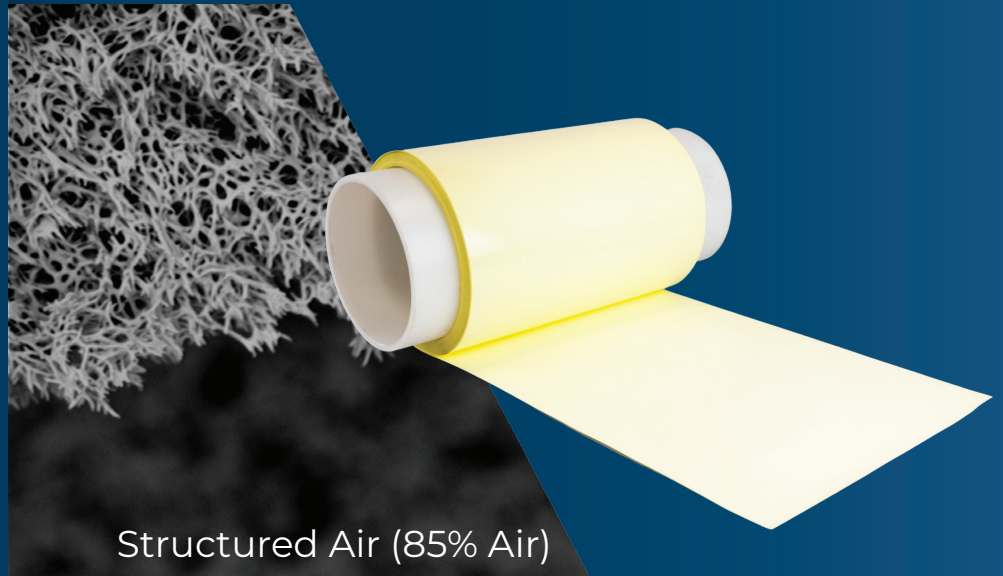
## AeroZero®

### PROTECTED AREAS

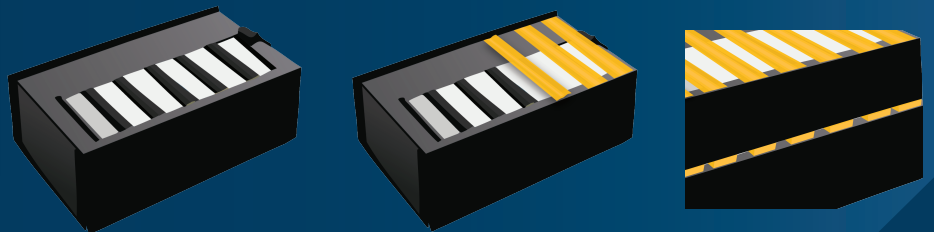
- Battery/Module Housing
- Flexible Busbars
- Thermal Runaway Protection
- Cell Wrapping
- Electrical Insulation



### COMPOSITION OF AEROZERO®



### Create A Structured Air Gap with AeroZero®



### CONTACT US

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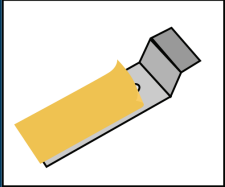


# FLAME & THERMAL BARRIERS

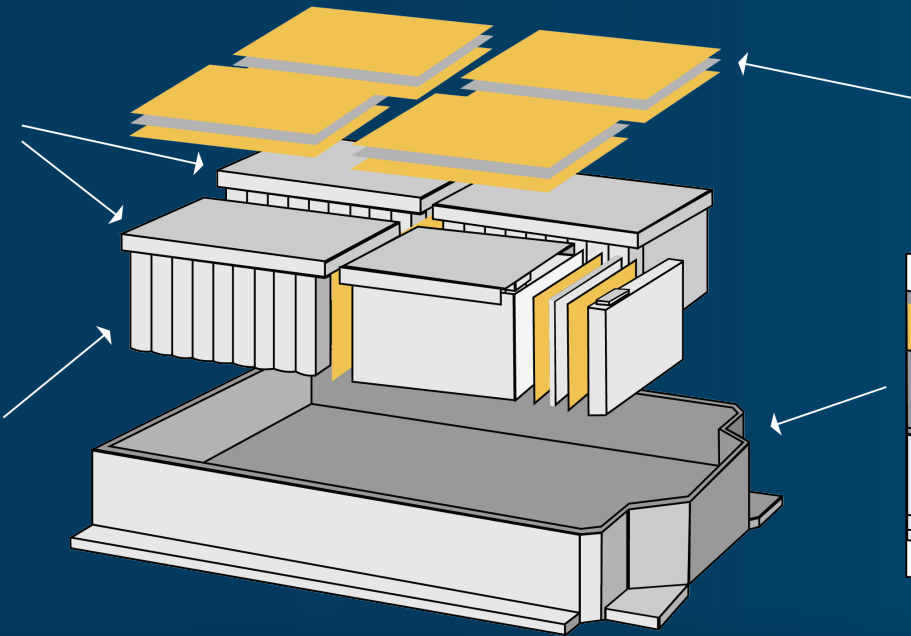
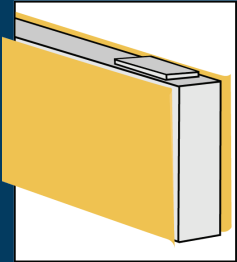
**1,000 °C+** Direct Flame with over **600 °C** temperature reduction and no burn-through



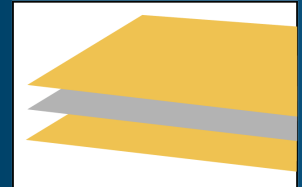
Flexible Busbars



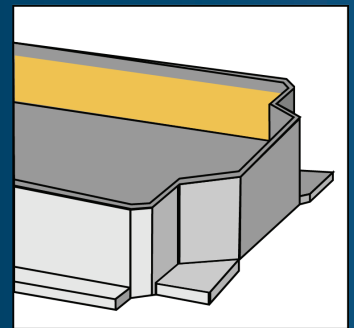
Cell Wrapping



Thermal Runaway Protection



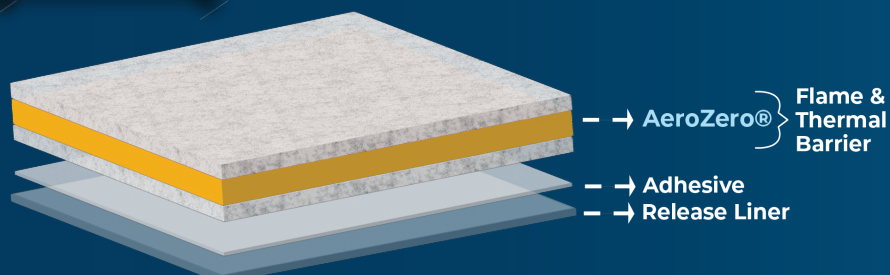
Electrical Insulation



## LEADERS IN THERMAL MATERIALS



- Direct flame, direct contact, aero heating, indirect flame, radiant heat, conduction, convection
- 25+ mins, ~ 1000 °C flame & no burn through
- Reduces heat transfer during thermal events
- Intumescent coating replacement and mica
- Protects battery systems from thermal runaway
- Lightweight & thin



*Not representative of all FTB variants*