

Packaging for Lithium Batteries

Jon Green – AkroFire

Lithium Batteries and associated electronic devices pose a unique set of fire hazards. In order to facilitate the safe shipment by air, Akro has investigated different concepts for universal packaging to address some of the potential issues relating to the shipment of Lithium batteries, namely protecting batteries and associated devices from fire and heat and protecting adjacent shipments from battery “runaway”.

Effective solutions that have been tested range from re-usable rigid containers to disposable single shipment packaging for either specific or combined fire hazards. Testing has been performed on different configurations, fire threats, battery types (both primary and secondary) as well Lithium battery embedded electronics.