

Rapid Fire and Smoke Suppression when it Matters Most.



LIBIK[®]
Lithium Ion Battery Incident Kit

New Innovations in Inflight Fire and Smoke Suppression

Protect and empower your crew in a battery fire situation with LIBIK fire suppression tools.

This is *not* just a fire containment bag. No other product on the market gives you more tools to suppress a fire in-place while simultaneously reducing toxic smoke and hazardous fumes.

The LIBIK is an incredibly robust solution that owes its effectiveness to CellBlockEX, an innovative dry granulate that is able to quickly extinguish a thermal runaway event and uptake vapors *without* the use of halon or liquids.


Extinguish personal electronic device (PED) fires in seconds.


Integral to the LIBIK bag design are PED-Pad fire suppression pillows filled with CellBlockEX. When necessary, these pillows may be removed and applied directly to the fire. Deployment of the loose-fill granulate is automatic and fast. Use a LIBIK Fire Shield Blanket over the top of the pillow to further suppress the event.


The PED-Pad pillows have proven useful in difficult-to-extinguish areas as well, such as overhead bins and seat pockets.


Shield your crew.

The LIBIK Fire Shield Blanket could be the most valuable tool in the kit. Our fabrics have undergone successful flame testing for extended periods of time. The blanket effectively provides an impervious barrier between your crew and the battery fire.

 Tested Extensively In-house and by Third-party Laboratories.

 Non-hazardous Environmentally Friendly Product.

 Lifetime Replacement on Fire Suppression Bags.

 No Water or Halon required.



The LIBIK's layered fire-retardant materials have passed intensive testing and will handle temperatures in excess of 1000°C (1832°F) for extended periods of time.

The LIBIK's Fire Shield Blanket is "must have" equipment. Crafted from the same fire-retardant materials as the LIBIK bags, it protects the fire-fighter from the flames. It is included in all our fire-suppression kits.

Choose to include the optional prybar in your kit. Open a jammed overhead compartment, or free a device that has fused to a tray table




The EDE is an extinguishing kit that can be used with **any** fire containment bag. Inflight or on-the-ground - augment your safety protocol with its tools.

CellBlock high-heat gloves are included in every kit to aid in handling an overheating device.

PED-Pad pillows containing **CellBlockEX** may be removed from the kit to quickly extinguish a device fire. Included in all kits.

Smoke mask and goggles are there when you need them. Use if a PBE is not readily available. Included in the Cabin LIBIK and EDE kits.

 **Aligns with Agency Recommendations.** CellBlock has worked with numerous international agencies, test labs, consultants and airlines. The result of these collaborations is the safest, fastest means of dealing with the fire and smoke from a battery fire AND protecting the fire fighter.

A Solution for Every Situation

No two battery fires will ever be the same. Be prepared with the best fire-suppression tools in the industry.

A PED is Overheating

When a device gets overly hot, place it in the LIBIK fire suppression bag. Use the Fire Shield Blanket and CellBlock high-heat gloves to safely transfer the device to the bag.

The interior of the bag is lined with PED-Pad fire suppression pillows containing CellBlockEX dry media. These PED-Pads will automatically release the CellBlockEX in the event of a thermal runaway. No activation is required. The CellBlockEX extinguishes the fire and uptakes smoke, gases and flammable electrolyte associated with a lithium-ion battery fire. This would preclude potentially diverting an aircraft in flight since the hazards would be contained. If there is no thermal event, the device can be returned to the passenger or retained for forensic analysis upon arrival.

A PED is on Fire

Remove a PED-Pad fire suppression pillow from the LIBIK and place over the device to rapidly extinguish active flames and uptake fumes. Place the Fire Shield Blanket over the pillow to enhance the suppressive effects and to further protect the fire fighter and surroundings. Once the PED fire is extinguished and cooled, the device can then be safely handled and placed in the bag using the gloves and fire blanket.



No water or halon is needed. LIBIKs use CellBlockEX dry fire suppressant media to extinguish a thermal event and reduce hazardous fumes.



Passenger Cabin LIBIK

All kits include: Containment/suppression bag, 2 PED-Pad fire suppression pillows, 1 LIBIK Fire Shield Blanket, 1 pair CellBlock high-heat gloves, 1 3M mask, 1 pair safety goggles, 1 small prybar (optional). Strategically placed dee-rings allow the placement of security tags.

SMALL PART NO. PCLBK013

For phones, tablets, and small laptops
43 cm x 33 cm x 13 cm (17"x13"x5")
5.2 kg (11.5 lbs.)

MEDIUM PART NO. PCLBK015

For phones, tablets, and medium laptops
51 cm x 38 cm x 13 cm (20"x15"x5")
6.1 kg (13.5 lbs.)

LARGE PART NO. PCLBK017

For phones, tablets, and large laptops
56 cm x 43 cm x 13 cm (22"x17"x5")
7 kg (15.5 lbs.)

Flight Deck LIBIK

All kits include: Containment/suppression bag, 1 LIBIK Fire Shield Blanket, 1 pair CellBlock high-heat gloves, Strategically placed dee-rings allow the placement of security tags. Velcro strips on back for mounting to wall.

SMALL PART NO. FDLBK005

25 cm x 35.5 cm x 10 cm (10"x14"x4")
2.3 kg (5.1 lbs.)

Includes 1 PED-Pad fire suppression pillow

LARGE PART NO. FDLBK007

25 cm x 35.5 cm x 12.5 cm (10"x14"x5")
2.9 kg (6.4 lbs.)

Includes 2 PED-Pad fire suppression pillows

EDE Kit

Includes: Storage/cleanup bag, 2 LIBIK Fire Shield Blankets, 2 PED-Pad fire suppression pillows, 2 pair CellBlock high-heat gloves, 2 3M masks, 2 pair safety goggles, 1 small prybar (optional). Strategically placed dee-rings allow the placement of security tags.