

Lithium-Ion Battery Incident Kits

Rapid Fire and Smoke Suppression



LIBIK[®]
Lithium Ion Battery Incident Kit

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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. *Included in all kits.*

CellBlock high-heat gloves are included in every kit to effectively aid in handling an overheating device. *Included in all kits.*

PED-Pad pillows containing CellBlockEX may be removed from the kit to quickly extinguish a device fire. Deployment of the dry loose-fill granulate is automatic and fast. *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 LIBIKs and EDE kits.*



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.

For more information on CellBlock FCS products, please visit cellblockfcs.com

A Solution for Every Situation

No other product on the market gives you more tools to suppress a fire in-place while simultaneously reducing toxic smoke and hazardous fumes.






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 for asfe containment.

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 inflight 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 and the Fire Shield blanket from the LIBIK. Use the blanket as personal shield to approach the device. Place the fire-suppression pillow over the device to rapidly extinguish active flames and uptake fumes. Cover the pillow with the blanket 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 using the gloves and fire blanket. Gather the device in the blanket and seal it in the bag. Place in a safe place to monitor for remainder of the flight.

-  **Tested by Third-party Laboratories**
-  **Environmentally Friendly Product**
-  **No Water or Halon Required**
-  **Aligns with Agency Recommendations**
-  **Lifetime Replacement on Fire Suppression Bags Used Inflight**



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 CellBlock Defender1 Mask, 1 pair safety goggles. Strategically placed dee-rings allow the placement of security tags. Choose red, black, or blue, or customize your colors. Leather also available.

SMALL PART NO. PCLBK013

For phones, tablets, and small laptops
43 cm x 33 cm x 15 cm (17" x 13" x 6") 5.2 kg (11.5 lbs.)
Approx. Interior Dimensions:
37cm x 28cm x 10cm (14.5" x 11" x 4")

MEDIUM PART NO. PCLBK015

For phones, tablets, and medium laptops
51cm x 38cm x 15cm (20" x 15" x 6") 6.1 kg (13.5 lbs)
Approx. Interior Dimensions:
39cm x 34cm x 10cm (15.5" x 13.5" x 4")

LARGE PART NO. PCLBK017

For phones, tablets, and large laptops
56 cm x 43 cm x 15 cm (22" x 17" x 6") 7 kg (15.5 lbs.)
Approx. Interior Dimensions:
44cm x 35.5cm x 10cm (17.5" x 14" x 4")

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" x 14" x 5") 2.3 kg (5.1 lbs.)
Includes 1 PED-Pad fire suppression pillow
Approx. Interior Dimensions:
28cm x 21.5cm x 7.5cm (8.5" x 11" x 3")

LARGE PART NO. FDLBK007

25 cm x 35.5 cm x 15 cm (10" x 14" x 6") 2.9 kg (6.4 lbs.)
Includes 2 PED-Pad fire suppression pillows
Approx. Interior Dimensions:
28cm x 21.5cm x 5cm (8.5" x 11" x 2")

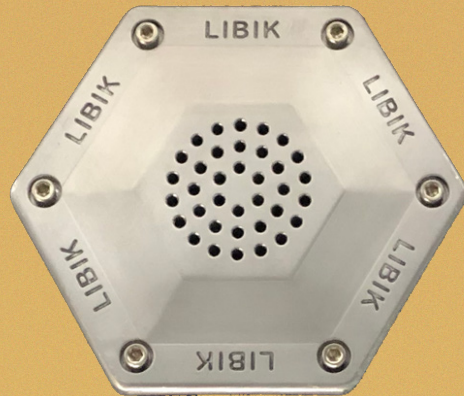
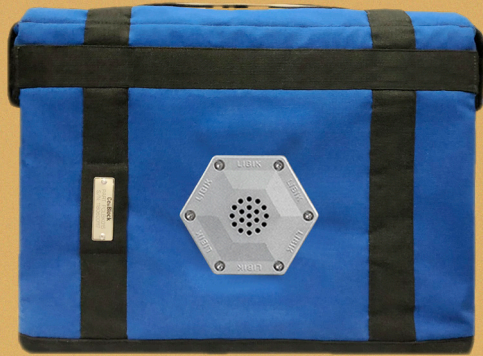
EDE Kit

Includes: Storage/cleanup bag, 2 LIBIK Fire Shield Blankets, 2 PED-Pad fire suppression pillows, 2 pair CellBlock high-heat gloves, 2 CellBlock Defender1 masks, 2 pair safety goggles, 1 small prybar (optional).

Custom fabric colors and embroidery is available on all LIBIK products. Please enquire.

LIBIK[®]X

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LIBIK-X is Extreme Smoke and Fumes Containment.

In addition to rapid fire extinguishing, the LIBIK has always offered a superior level of smoke and fumes suppression while protecting the fire fighter. Now our second-generation technology offers a near perfect degree of smoke containment previously unavailable.

The LIBIK Filter is the difference.

Device overheating? Place it in the LIBIK kit with confidence. During a thermal runaway a device is likely to vent hazardous vapors and/or explode. The ingenious filter design allows for the release of pressure without expelling harmful fumes.

Available on all Cabin LIBIKs and the Large Flight Deck LIBIK

LIBIK Product Comparison

| Model | PED-Pad Fire Suppression Pillows | Approx. Smoke Containment | Maintenance Schedule | Fire Shield Blanket | CellBlock Gloves | Goggles | Smoke Mask |
|------------------------------|--|---------------------------|--|---------------------|------------------|---------|------------|
| LIBIK | All sizes include 2 removable PED-Pads | 90-95% | First inspection at 5 years. Annual inspection thereafter. | ✓ | ✓ | ✓ | ✓ |
| LIBIK FD | Large includes 2 removable PED-Pads; small includes 1 removable PED-Pad | 90-95% | First inspection at 5 years. Annual inspection thereafter. | ✓ | ✓ | - | - |
| LIBIK[®]X | All sizes include 1 removable PED-Pad + 1 permanent PED-Pad | 99-100% | Filter replacement every 2 years or vacuum sealing of kit to maintain filter integrity. | ✓ | ✓ | ✓ | ✓ |
| LIBIK[®]X FD | Large includes 1 removable PED-Pad + 1 permanent PED-Pad; not available in small | 99-100% | Filter replacement every 2 years or vacuum sealing of kit to maintain filter integrity. | ✓ | ✓ | - | - |