

Specification of Fire Resistant Satchel for Lithium-ion Battery

FIRE RESISTANT SACHEL

There have been numerous incidents of fires caused by lithium-ion batteries. When these batteries are short-circuited, they rapidly generate high temperatures, leading to spontaneous ignition and potentially causing fires. Even a small battery can result in a catastrophic disaster.

The Fire Resistant Satchel offers a solution to mitigate the risk of fire and smoke. This bag is specifically designed for storing batteries, providing isolation in the event of a battery fire. By containing the fire source within the bag, it helps prevent the spread of fire.

The Fire Resistant Satchel is an innovative product that safeguards potentially flammable items from the dangers of fire. Its outstanding insulation properties are achieved through a unique combination of technical textiles, which effectively inhibit the propagation of both internal and external fires.

Additionally, the Fire Resistant Satchel offers a safe and convenient solution for transporting and storing potentially combustible products, including batteries, fireworks, and other flammable chemicals.

TECHNICAL PARAMETER

Item		Specification
Material	Outer layer	Fire resistant PVC coated mesh fabric (approx. 0.4mm thickness)
	Inner layer	Fiberglass with single side silicone coated (approx. 0.4mm thickness)
	Velcro	Fire resistant nylon
	Sewing thread	Kevlar sewing thread (fire resistant)
Working Temperature		Around 550°C
Size		23 x 30 cm, or as requirement
Color		Black, Gray, or as requirement

FEATURES

- Fire resistant material**
 The Fire Resistant Satchel made from fire resistant material, which can effectively isolate air and improve the safety when charging. Heat insulation temperature up to 550°C.
- Safeguard Lithium-ion Battery**
 The Fire Resistant Satchel for Lithium-ion Battery is a convenient way of safeguarding your Lithium-ion batteries during charging, transit, and storage. Release your mind when the Lithium-ion is on charging, while you have to leave away for a while by closing the Lithium-ion in the bag. The Fire Resistant Satchel is intended to reduce the chances of damage in the event of a Lithium-ion fire.
- Large capacity**
 The large capacity of the Fire Resistant Satchel, which is enough for

protecting your camera batteries, toy batteries, drone batteries, dry batteries, various of lithium-ion batteries, as well as important documents.

HOW TO USE THE FIRE RESISTANT SACHEL

1. Place the battery inside the fire-resistant bag. Ensure that the bag is large enough to accommodate your battery.
2. The charging cable runs out through the gap between the top of the bag.
3. Securely close the bag and fasten the Velcro.

In case of Li-ion battery fire:

1. Cut off the power supply. Leave the battery in the Fire Resistant Satchel.
2. Move well away from the area to a safe location. Take necessary precautions to avoid inhaling these fumes.
3. Calling Emergency Services
4. Contact the relevant authorities for proper removal and disposal of the affected device, following their instructions and guidelines

WARNING

1. Never leave charging battery unattended.
2. Always ensure the battery is on a non-flammable surface.
3. Only have the charging battery inside the bag and ensure that the fire-resistant bag is properly sealed during the charging process
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STORAGE & MAINTENANCE

Storage

To ensure service life, Fire Resistant Satchel should be stored in a cool, dry and ventilated place

Maintenance

Check the Fire Resistant Satchel for abrasion or damage before or after each use. Do not use if any damaged.