



LiPo Safety Bag

Protective bag for Li-Po batteries
195 × 75 × 75 mm



The bag will not extinguish a battery fire and will not prevent one. It limits the extent of damage if a fire occurs. Never charge a battery unattended.

Instructions for use and safety information

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1. Safety instructions

1.1 Before you start

Read these instructions before using the product for the first time and keep them for future reference. The product is a protective bag intended for storing, charging and transporting lithium-polymer batteries (Li-Po, LiHV) for model and FPV equipment.

The bag is not a fire-extinguishing device. It will not extinguish a battery fire and will not prevent one.

1.2 What the bag does and does not do

► The bag is intended to:

- limit the extent of damage to the surroundings if a battery starts to react violently or catches fire,
- contain flying particles and hot debris,
- direct escaping hot gases.

On the warning label attached to the product, the manufacturer states that the “LIPO SAFE” is intended to **reduce the chances of damage** in the event of a Li-Po battery fire. Take this wording seriously — the bag reduces the risk, it does not remove it.

► Conversely, the bag:

- is **no substitute for supervision** during charging,
- will **not prevent** thermal runaway of the battery,
- will **not extinguish** a burning battery,
- will **not contain** all heat, smoke or toxic fumes,
- is not intended for transporting batteries by air — transport conditions are set by the carrier and the bag does not replace them.

1.3 Risks of Li-Po batteries

- A Li-Po battery may catch fire if overcharged, deeply discharged, short-circuited, mechanically damaged or overheated. The reaction develops rapidly and burns very intensely.
- A burning battery releases **toxic fumes**. Never inhale them and make sure the area is ventilated.
- Charge a Li-Po battery to a maximum of **4.20 V per cell** and a LiHV battery to a maximum of **4.35 V per cell**.
- End the flight or discharge at **3.5 V per cell**. Deeper discharge causes permanent damage to the battery.
- For long-term storage, set the battery to **3.8 V per cell** (storage voltage).

- A swollen, punctured battery, or one that has become hot after a crash, is defective and must be withdrawn from use.

1.4 Placement and operating environment

- Always place the bag with the battery on a **non-flammable surface** — concrete, ceramic tiles, sheet metal. The manufacturer states this instruction directly on the warning label of the product.
- Never charge on a carpet, wooden furniture, paper, textiles or plastic.
- There must be no flammable objects, flammable liquids, gases or aerosols near the bag.
- Do not enclose the bag with a charging battery in a cabinet, drawer, box or vehicle.
- Keep a suitable fire extinguisher and a mobile phone within reach.
- Keep out of the reach of children and pets.

2. Product description

2.1 Package contents

- 1× protective bag for Li-Po batteries, 195 × 75 × 75 mm

The battery, charger and any other accessories are not included.

2.2 Description and construction



The bag opened. Inner lining of glass-fibre fabric, white insulating fibres visible at the cut edge, polyester edge binding and hook-and-loop fastener.

The product is a soft rectangular pouch closed by two flaps with hook-and-loop fasteners. It contains no electrical or electronic parts, no battery, no liquid and no extinguishing agent. It consists exclusively of layers of textile materials joined by stitching and lamination:

- ① **Outer shell** — fabric of continuous type E glass fibres coated with a silicone elastomer with silver pigment. It carries the printed “LIPO SAFE” marking and a warning label.
- ② **Thermal insulation interlayer** — a non-woven glass-fibre mat between the outer and inner shell.
- ③ **Inner lining** — glass-fibre fabric with a reflective surface finish.
- ④ **Edge binding** — a woven polyester tape stitched along all edges and flaps.
- ⑤ **Fastener** — two pairs of polyamide hook-and-loop fasteners on the front flaps.

2.3 Technical data

Dimensions	195 × 75 × 75 mm
Weight	140 g
Main material	type E glass-fibre fabric with silicone coating
Fastener	two flaps with hook-and-loop fasteners

Electrical parts	none
Country of origin	People's Republic of China

2.4 Material composition

Component	Use	% by wt.
Glass fibres, type E	shell fabric, insulating layer	62
Silicone elastomer	fabric coating	21
Polyester (PET)	edge binding, sewing thread	9
Polyamide (PA 6.6)	hook-and-loop fastener	6
Aluminium	reflective layer, pigment	2

✱ **The product contains no asbestos and no refractory ceramic fibres. Glass fibres may irritate the skin and respiratory tract if a damaged bag is abraded — withdraw a damaged bag from use.**

3. Charging a battery inside the bag

- ① Inspect the bag as described in section 7.1 and the battery as described in section 1.3. Do not use a damaged bag or a damaged battery.
- ② Place the bag on a non-flammable surface, away from flammable objects.
- ③ Insert **one** battery. Do not overfill the bag — neither the battery nor the cables may strain the flaps.
- ④ Route the charging and balance cables so that the flaps can be closed and the cable is not pinched.
- ⑤ Close both hook-and-loop fasteners. The manufacturer explicitly states on the warning label of the product that the flap is to be closed while charging.
- ⑥ Charge **under supervision**, within sight and hearing.
- ⑦ After charging, open the bag and let the battery cool down outside the bag.

Never charge unattended or overnight. Use only a charger intended for the given battery type and cell count and never exceed the charging current recommended by the battery manufacturer.

4. Storing batteries

- Before long-term storage, set the battery to a storage voltage of **3.8 V per cell**.
- Keep the bag with the battery in a cool, dry place, away from direct sunlight and heat sources.

- We recommend **one battery per bag**. If you store several batteries, their connectors must be insulated so that they cannot short-circuit against each other.
- **Do not store** a swollen or damaged battery, or one that became hot after a crash, inside the bag — see section 6.
- The bag is neither a safe nor a fire-resistant cabinet. Avoid keeping larger quantities of batteries in residential premises.
- Check the condition of the batteries at regular intervals during storage as well.

5. Transport

- Before transport, insulate the battery connectors and close the bag with both hook-and-loop fasteners.
- Do not leave the bag in a vehicle in direct sunlight or in a closed luggage compartment on a hot day.
- Air transport of batteries is governed by the rules of the carrier and by IATA regulations. This bag does **not replace** them and does not establish any right to transport a battery.

6. Damaged and swollen batteries

Do not place a swollen, mechanically damaged or punctured battery, or one that became hot after a crash, into the bag, and do not close the bag. Flammable gases may accumulate inside a closed bag.

If you find that the battery is swollen, is heating up, is hissing or is emitting smoke:

- ① Stop charging and disconnect the charger from the mains, if it is safe to do so.
- ② Do not carry the battery in your hand or in the bag once it is already reacting. Do not touch it with bare hands.
- ③ If conditions allow, move it to an open non-flammable surface outdoors, away from flammable objects, and keep it under observation from a safe distance.
- ④ Do not inhale the fumes and ventilate the area.
- ⑤ In the event of fire call **112**. Do not attempt to extinguish a burning battery or to discharge it by immersion in water.
- ⑥ Once cooled, hand the defective battery over at a take-back point for portable batteries and accumulators.

7. Maintenance, inspection and service life

7.1 Inspection before every use

Inspect the bag before every use. Do not use it if you find:

- abraded, cut or crushed fabric,
- cracks in the silicone coating or coating that is peeling off,
- an unravelled seam or loose edge binding,
- a hook-and-loop fastener that no longer holds reliably,
- signs of thermal damage — browning, charring, a fused surface.

7.2 Cleaning

- Wipe the bag with a damp cloth and let it dry freely.
- Do not use solvents, white spirit or aggressive cleaning agents.
- **Do not machine wash** the bag and do not dry it in a tumble dryer or on a radiator.
- Do not fold or store the bag until it is completely dry.

7.3 When to withdraw the bag from use

- After **any** thermal event — even if the bag looks undamaged, its protective function is exhausted.
- Upon any of the damage listed in section 7.1.
- Do not attempt to repair, re-stitch or glue the bag.

7.4 Troubleshooting

Symptom	Cause	Remedy
The flaps cannot be closed	the bag is overfilled or the cable runs over an edge	insert only one battery, route the cable through the middle of the flap
The fastener does not hold	clogged loops or wear	clean the loops; if it still does not hold, withdraw the bag from use
The outer fabric has a different sheen, the coating peels off	thermal or mechanical damage to the coating	withdraw the bag from use (section 7.3)
White fibres protrude from an edge	damaged binding, exposed insulating layer	withdraw the bag from use; the fibres irritate the skin
The bag smells of burning	a thermal event has occurred	withdraw the bag from use and check the battery

8. Information for the EU and Czech Market

8.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.cz

8.2 Product conformity

- This product is **not covered by any European Union harmonisation legislation** that would require conformity assessment, CE marking or the issuing of an EU Declaration of Conformity. The product contains no electrical or electronic parts, no battery and no radio equipment, and it is not personal protective equipment.
- The product therefore **does not bear the CE marking** and no declaration of conformity is issued for it. Under Article 30(2) of Regulation (EC) No 765/2008, the CE marking may be affixed only to products for which its affixing is provided for in harmonisation legislation, and it must not be affixed to any other product.
- The product complies with the **general safety requirement** under Article 5 of Regulation (EU) 2023/988. The technical documentation including the risk analysis under Article 9(2) of that Regulation is kept by the importer and will be presented to the market surveillance authority on request.
- **Product identification:** type “LiPo Safety Bag, 195 × 75 × 75 mm”. The importer's details are given in section 8.1, on the product packaging and in these instructions.
- The material composition of the textile product under Regulation (EU) No 1007/2011 is given in section 2.4; the predominant component is **glass fibre** (Annex I, item 44 of that Regulation).

8.3 Disposal of the product and its packaging

- The product is **not electrical equipment** — it contains no electrical or electronic parts, and neither the take-back scheme for electrical equipment nor the crossed-out wheeled bin symbol applies to it.
- It is a multi-layer textile product. At the end of its service life, hand it over in accordance with the local waste collection system — usually as **other (non-recyclable) municipal waste** or at a collection yard. It does not belong in textile collection or in a plastics container.
- Dispose of the product packaging (cardboard box, bag) in **separate collection** according to the material. The importer fulfils its obligations under Act No. 477/2001 Coll., on packaging, through the authorised packaging company EKO-KOM, a.s.
- **Discharged and defective batteries** do not belong in municipal waste. Hand them over at a take-back point for portable batteries and accumulators — at a collection yard, at a collection point of a collective system or at the retailer. Take-back is free of charge for the end user.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

The addresses of take-back points for batteries and accumulators are listed at www.ecobat.cz and in the [Register of take-back points](#) of the Ministry of the Environment of the Czech Republic.

9. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection. The manufacturer has not issued its own warranty terms for this product; the rights of the buyer set out below therefore apply exclusively.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 8.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.