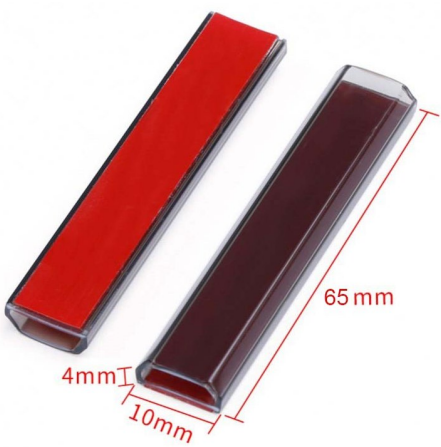
iFlight Wire Shield

Protective sleeve for motor wires (10 pcs)
User manual



Read the entire manual before installation. Always disconnect the battery and remove the propellers before working on the drone.

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1. Product description

1.1 What it is for

The iFlight Wire Shield is a protective sleeve made of translucent grey plastic that routes the motor wires along the arms of an FPV drone to the electronic speed controller (ESC). The manufacturer describes it as protection of motor wires against propeller strikes; it can be used for motors, 4-in-1 ESCs, etc.

In a crash, a propeller can bend and damage or cut through the wires on the arm; damaged wires may then short-circuit. The sleeve covers the wires and keeps them together along the arm. One side carries a pre-applied double-sided adhesive tape used to stick it onto the arm; the motor wires are passed through the sleeve. Choose the sleeve size according to the length and width of your frame's arms.



iFlight Wire Shield – view of the side with adhesive tape (left) and of the top side (right), 65 × 10 mm version

1.2 Specifications and package contents

Product designation	iFlight Wire Shield
Manufacturer	iFlight
Versions (length × width)	65 × 10 mm 24.5 × 7 mm
Profile height	4 mm (65 × 10 mm version)
Material and colour	plastic, translucent grey
Mounting	pre-applied double-sided adhesive tape with release liner
Application	motor wires, 4-in-1 ESC, etc.
Package contents	10 sleeves of the selected version

Not included	motors, wires, tools, cleaning agents

2. Installation and use

2.1 Before you start

- Disconnect the battery from the drone and remove the propellers. Work on a clean, dry surface.
- Check that the sleeve fits the arm: the whole adhesive surface must sit on a flat part of the arm, and the sleeve must not reach into the area swept by the propeller.
- Check that the motor wires pass through the sleeve without tension and that they are still long enough once routed through it.
- If the motor wires are already soldered to the ESC and cannot be passed through, they must be desoldered at one end (or slide the sleeve on before soldering a new motor).

2.2 Mounting on the arm

① Degrease the spot on the arm where the sleeve will go (e.g. with isopropyl alcohol) and let it dry completely. The tape adheres much worse to dust, grease or moisture.

② Pass the motor wires through the sleeve. Make sure the wires do not cross inside and that their insulation is not damaged.

③ Peel the release liner off the adhesive tape. Do not touch the adhesive surface with your fingers.

④ Place the sleeve with the tape side on the arm, align it along the arm and press it firmly along its entire length.

⑤ Arrange the wires at both ends of the sleeve so that they are not under tension, do not rub against the edges of the frame and do not reach into the propeller area.

⑥ Repeat on the remaining arms. Let the adhesive set for a while before the first flight.

※ The sleeve protects the wires against mechanical damage, but it does not replace proper insulation of wires and solder joints. Always repair damaged insulation or replace the wire.

2.3 Inspection and maintenance

- After installation and before fitting the propellers, turn each motor by hand and check that neither the motor bell nor the propeller touches the sleeve or the wires.
- During the pre-flight check and after every crash, check that the sleeve is firmly attached to the arm and is not cracked or cut.

- Replace a cracked, loose or cut sleeve with a new one. A sleeve that has been peeled off repeatedly may no longer hold reliably.
- When replacing, remove all residue of the old adhesive tape and degrease the spot again before sticking on a new sleeve.

3. Information for the EU and Czech Market

3.1 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@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product contains no electrical or electronic components and no batteries. Take-back of electrical equipment does not apply to it.
- Dispose of a worn or damaged sleeve as plastic waste according to the waste sorting rules of your municipality. Remains of adhesive tape and release liner belong in mixed waste.
- Put the product packaging into the appropriate container for sorted waste.
- The waste management regulations of the country in which you use the product are decisive.

4. 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 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 3.1.
- 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.