Gemfan Stack Saver

Elastic protective band for FPV drone electronics
User manual



Always disconnect the drone battery before fitting or removing the band.

www.rotorama.com

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1. Product description

1.1 What it is for

The **Gemfan Stack Saver** is an elastic textile band formed into a closed loop. It is slipped around the centre of an FPV drone frame – over the standoffs between the bottom and top plates of the frame, where the electronics are mounted (the so-called stack: flight controller (FC), electronic speed controller (ESC) and, where fitted, video transmitter (VTX) and receiver).

The band closes the sides of the electronics bay and protects the electronics from grass, soil, mud and other dirt during landings and after crashes. It is used mainly on racing drones, where it helps keep the electronics clean and makes quick repairs at the track easier. The band is printed on both sides, so you can choose which side faces outwards.



Gemfan Stack Saver band – both printed sides

1.2 Technical data and package contents

Product designation	Gemfan Stack Saver
Manufacturer	Gemfan (Ningbo Gemfan Hobby Co., Ltd.)
Product type	elastic textile band in the form of a loop, printed on both sides
Size (width × length)	2.5 × 18 cm or 2 × 18 cm – depending on the selected variant
Package contents	1× Gemfan Stack Saver
Not included	drone or frame, screws, tools

The product contains no electronics or batteries.

2. Use

2.1 Choosing the size

The band is available in two widths. Before buying or fitting it, measure the height of the space between the bottom and top plates of the frame. The band should cover the electronics bay, but must not protrude beyond the edges of the plates, where it could interfere with the propellers, camera or connectors.

2.2 Fitting to the drone

① **Disconnect the battery** and remove the propellers.

② Stretch the band slightly and slip it around the frame standoffs so that it encloses the electronics bay between the bottom and top plates. If the frame design does not allow this, loosen the top plate screws, fit the band and tighten the plate again.

③ Route the cables leading out of the stack (battery power lead, receiver antenna, video transmitter antenna, camera cable) so that the band does not pinch or stretch them.

④ Straighten the band so that it is not twisted and sits evenly around the whole circumference.

⑤ Refit the propellers and check that the band does not touch any rotating part.

2.3 Rules of use

- The band restricts airflow around the electronics. After the first flights with the band, check the temperature of the electronic speed controller (ESC) and the video transmitter (VTX); do not leave the video transmitter switched on for long periods on the ground without airflow.
- Do not tuck loose cables or other objects under the band that could press on components.
- Before every flight, check that the band is in place, is not torn and cannot get into the propellers.
- Replace a damaged, torn or stretched band that no longer holds with a new one.
- The band is not waterproof and does not protect the electronics against water or moisture.

2.4 Care and storage

- Remove dirt from the band with a brush or a damp cloth. Keep the battery disconnected while cleaning; ideally remove the band from the drone.
- Allow a wet band to dry completely before fitting it.
- Store in a dry place, away from direct sunlight and heat sources.

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

- This product is a textile band without electronics or batteries; the rules for take-back of electrical and electronic equipment do not apply to it.
- Dispose of a worn or damaged band in accordance with the waste regulations applicable where you live – usually with mixed municipal waste or, where available, in textile collection.
- Place the packaging in the appropriate container for separated waste.
- The information in this chapter describes the situation in the Czech Republic. If you use the product in another country, follow the regulations of the country in which you use it.

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.