Threadlocker – medium

KAVAN · blue · medium strength · 10 ml
Instructions for use



Read these instructions completely before first use. The product is intended for metal-to-metal threaded joints only. Keep out of the reach of children.

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1. Product description

1.1 What it is for

The KAVAN Threadlocker – blue is a **medium-strength agent for securing metal-to-metal threaded joints** up to M12 against loosening caused by vibration. It is an anaerobic adhesive: curing occurs through a combination of two factors – an air-free environment (inside the thread once the screw is tightened) and the catalytic action of metals.

A joint secured with the medium-strength threadlocker can later be **disassembled with common hand tools**. Once cured, the joint has a high resistance to vibration and lubricants. In FPV and RC models it is useful wherever metal screws are driven into a metal thread and could work loose due to vibration.



KAVAN Threadlocker – blue, medium strength, 10 ml bottle with dispensing tip

1.2 Technical data and package contents

Product designation	KAV56.9970.CZ (EAN 8596450061767) KAV56.9970.EN (EAN 8596450061781) – differ only in the label language
Type	anaerobic thread-locking adhesive, medium strength
Colour	blue fluorescent
Max. thread diameter	M12
Viscosity	300–700 mPa·s
Density	1.02–1.10 g/cm³
Resists hand loosening	after 5–15 min
Fixed joint	3–6 h
Full strength	12–24 h

Holding torque	10–20 Nm
Temperature range	−55 °C to +180 °C
Classification	the mixture is not classified as hazardous according to Regulation (EC) No 1272/2008
Package contents	1× 10 ml bottle with dispensing tip
Not included	screws, tools, cleaning and degreasing agent
Brand	KAVAN – KAVAN Europe s.r.o., Doubravice 110, 533 53 Pardubice, Czech Republic, info@kavanrc.com

2. Use

2.1 Preparing the joint

The product is intended **for metal-to-metal threaded joints only**. It is not suitable for metal–plastic, metal–wood etc. joints or for contact with acids with strong oxidising properties.

- The threaded joint to be secured must be **clean, dry and free of grease**. Clean and degrease both the screw and the mating thread and let them dry.
- Remove any residue of old threadlocker from the thread so that the screw can be driven in without resistance.

2.2 Applying and tightening

① Remove the cap and apply a small amount of threadlocker to the screw thread where it will engage with the mating part. For a blind hole you can also put a drop directly into the hole.

② Drive in and tighten the screw in the usual way. Wipe off any excess that has squeezed out of the joint – outside the thread, with access to air, it will not cure.

③ Close the bottle tightly immediately. Do not touch metal parts with the dispensing tip.

Make sure the product does not get onto plastic parts, into bearings or onto other components that are meant to move freely.

2.3 Curing

Joint condition	Time after tightening
Resists hand loosening	after 5–15 min
Fixed joint	3–6 h
Full strength	12–24 h

Put the product (e.g. a drone) into operation and expose it to vibration only after the joint has reached full strength.

2.4 Disassembling the joint

A joint secured with the medium-strength threadlocker can be disassembled with **common hand tools**. Use tools of the correct size to avoid damaging the screw head. Before reassembly, remove the residue of cured product from the thread and follow chapters 2.1 to 2.3 again.

2.5 Safety, storage and shelf life

- The mixture is not classified as hazardous according to Regulation (EC) No 1272/2008. Nevertheless, avoid contact with skin and eyes, wash your hands after work and do not eat, drink or smoke while working.
- Keep out of the reach of children.
- **Storage:** in a tightly closed container, in a cool, dry and dark place, at a temperature of +5 °C to +23 °C. Do not expose to temperatures below +5 °C.
- **Shelf life:** under the correct storage conditions, the manufacturer guarantees a shelf life of 1 year in the unopened original packaging while maintaining the stated product properties.

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 is not electrical equipment and contains no batteries.
- Dispose of the empty bottle and product residues in accordance with the waste regulations applicable where you use the product; in the Czech Republic according to your municipality's waste-sorting instructions.
- Do not pour uncured product into drains, watercourses or soil.

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.