Paste N

Insulating silicone paste

AG TermoPasty · 3.5 g tube · ART.AGT-052



Read these instructions before use and keep them for future reference.

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Contents

1. Product description

1.1 What it is for

1.2 Technical data and package contents

2. Use

2.1 Before application

2.2 Application

2.3 Where not to apply the paste

2.4 Safe handling

2.5 Storage

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

Insulating Silicone Paste N (manufacturer AG TermoPasty, designation *Pasta silikonowa N / Paste N*) protects and insulates sensitive components against external influences – moisture, frost, UV radiation and ageing of materials. It prevents electrical breakdown and is resistant to oxidation and to aqueous solutions of acids, bases and salts, sulphur dioxide and ammonia. It also preserves rubber and plastics.

In FPV equipment the paste is used to treat electronic speed controllers (ESC), the flight controller (FC) and other electronics – for example solder joints and exposed pads that are exposed to moisture when flying in dew, fog or over snow.



Insulating Silicone Paste N in a 3.5 g tube

1.2 Technical data and package contents

Manufacturer	AG TermoPasty, Poland
Product designation	Pasta silikonowa N (Paste N), code ART.AGT-052
EAN	5901764320067
Operating temperature	−40 °C to 200 °C
Breakdown voltage	≈ 30 kV/mm
Dielectric constant	2.9 (100 Hz)
Loss factor tan δ	max. 0.003 (100 Hz)
Density at 20 °C	≈ 1.03 g/cm³
Solubility in water	insoluble
Shelf life	18 months
Classification	the mixture is not classified as hazardous under Regulation (EC) No 1272/2008
Package contents	1× tube of silicone paste, 3.5 g
Not included	brush, spatula, protective gloves, cleaning agents

2. Use

2.1 Before application

- Apply the paste only to electronics that are **de-energised** – disconnect the flight battery and the USB cable.
- The surface must be **dry and free of loose dirt**. Remove flux residues, dust and grease (e.g. with isopropyl alcohol) and let the surface dry.
- Finish all soldering and repairs beforehand. Solder adheres poorly to areas treated with silicone – the paste must be removed thoroughly before any further soldering.

2.2 Application

① Apply the paste directly from the tube, or use a brush or spatula to spread it precisely.

② Apply a **thin, even layer** and make sure the treated surface is completely covered.

③ Wipe off any excess paste and close the tube tightly with its cap straight away.

2.3 Where not to apply the paste

- Into connectors and onto contacts that need a reliable electrical connection (USB, camera and receiver connectors), and onto solder pads you are still going to solder.
- Onto the camera lens, buttons, sensor openings (e.g. the barometer), into bearings or onto moving parts of motors.
- Between a component and a heatsink – Paste N is intended for insulation and protection, not for heat transfer; use a thermal paste for that purpose.

※ The paste increases resistance to moisture, but it does not make the electronics waterproof. After flying in wet conditions or after a fall into water, disconnect the battery and let everything dry out.

2.4 Safe handling

- Keep out of the reach of children. Do not eat, drink or smoke while working; wash your hands with soap and water afterwards.
- Wear protective gloves in case of prolonged or repeated skin contact; remove contaminated clothing.
- **Eye contact:** rinse the eyes immediately with running water while holding the eyelids open; remove contact lenses.
- **Ingestion:** rinse the mouth with clean water. Seek medical advice if you feel unwell.
- The importer will send you the product's safety data sheet on request (Chapter 3.1).

2.5 Storage

- Store in the tightly closed tube in a cool, dry and well-ventilated place protected from direct sunlight and frost.
- Do not store together with strong acids, bases or oxidising agents.

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

Manufacturer: AG TermoPasty Grzegorz Gąsowski, Kolejowa 33 E, 18-218 Sokoły, Poland, www.termopasty.com

3.2 Disposal

- **Do not pour** unused paste **into the drain** and do not dispose of it with mixed household waste. Take it to a municipal collection point or hand it over to an authorised waste-management company.
- Dispose of the empty tube in separated waste according to local rules; a thoroughly cleaned container can be recycled.
- Prevent the paste from entering soil, surface water or groundwater.
- The waste regulations of the country in which you use the product are decisive. In the Czech Republic, Act No. 541/2020 Coll., on waste, applies.

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.