Heat shrink tube 12/6 mm

Transparent, 1 m, shrink ratio 2:1
User guide



Read this guide before use. Shrinking involves working with a heat source – follow the instructions in Chapter 2.3.

www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Technical data and package contents

2. Use

2.1 Choosing the size

2.2 Shrinking procedure

2.3 Safety and 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

Heat shrink tube is a polyolefin tube that shrinks when heated and fits tightly around the object it has been slipped over. This tube is **transparent** and **without adhesive**. The diameter before shrinking is 12.7 mm and the shrink ratio is 2:1 – after full recovery the diameter is reduced to 6.35 mm.

In FPV and RC modelling, tube of this size is used mainly to insulate and mechanically protect small RC receivers and video transmitters (VTX), and to cover soldered joints, cable bundles and connectors. The clear version lets you check LEDs and labels under the tube even after shrinking.



Heat shrink tube 12/6 mm, transparent

1.2 Technical data and package contents

Product designation	CYG/KTG CB-HFT(2X) 12.7
Material	polyolefin
Version	without adhesive
Colour	transparent (clear)
Diameter before shrinking	12.7 mm (min.)
Diameter after shrinking	6.35 mm
Shrink ratio	2:1
Operating temperature	−55 °C to 105 °C
Length	1 m
Package contents	1× tube, length 1 m
Not included	heat source (hot air gun), scissors / knife

2. Use

2.1 Choosing the size

Before shrinking, the tube must slide freely over the object, and after shrinking it must grip it tightly. It is therefore suitable for objects whose diameter (for flat objects, the circumference converted to a diameter) lies **between 6.35 mm and 12.7 mm**.

- If the object is thinner than 6.35 mm, the tube will not grip it tightly even when fully shrunk – choose a smaller diameter.
- If the object is thicker than 12.7 mm, the tube will not slide over it – choose a larger diameter.
- For flat objects (receiver, VTX), measure the circumference and divide it by 3.14. The result should lie within the range given above.

2.2 Shrinking procedure

① Measure the required length so that the tube overlaps the protected area on both sides. The tube may also shorten slightly lengthwise when shrinking – so cut it with a small allowance.

② Cut the tube squarely with sharp scissors or a knife, leaving a straight edge. A torn or jagged edge can split further during shrinking.

③ For soldered joints, slip the tube onto the cable **before soldering** and push it away from the soldering point so that it does not shrink prematurely.

④ Slide the tube onto the protected area and heat it evenly all around with a hot air gun. Start in the middle and work towards the ends so that no air is trapped inside. Keep the air stream moving.

⑤ As soon as the tube grips the object tightly and smoothly, stop heating. Let it cool down before handling the object.

The tube has no adhesive – it is not waterproof and may slide on a smooth surface. Heat electronics only as long as necessary.

2.3 Safety and storage

- The hot air gun and the shrunk tube are hot – risk of burns. Do not touch them until they have cooled down.
- Work on a non-flammable surface in a well-ventilated area. Do not overheat the tube and do not expose it to an open flame.
- Disconnect power before shrinking on connected circuits. Never heat Li-Po batteries directly.
- Store the tube in a dry place, away from direct sunlight and heat sources and out of the reach of children.

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 tube is not electrical equipment and contains no batteries. Dispose of unused tube, offcuts and packaging in separated waste – plastics, or in mixed municipal waste according to the rules of your municipality.
- Tube shrunk onto electronics or a cable is disposed of together with that equipment. Electrical equipment belongs at a take-back point for electrical equipment, not in mixed waste.
- The waste management rules of the country and municipality where you dispose of 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.

※ The product was purchased in the Czech Republic, so rights arising from defective performance are governed by Czech law. For the use and disposal of the product, the law of the country in which the product is used is decisive.