

EU DECLARATION OF CONFORMITY (DoC)

No. AT-PPWR-2026rev.02

1. Manufacturer / Issuer of the Declaration

- **Company Name:** Alpha Therm GmbH
- **Address:** Gewerbering 7, 68723 Plankstadt, Germany
- **Contact Email:** s.hammer@alpha-therm.de

2. Scope / Object of the Declaration

This declaration covers all transport, commercial, and protective packaging materials utilized by Alpha Therm GmbH for the shipment and delivery of goods to its commercial business partners and customers within the European Union.

To ensure compliance with the labeling and identification requirements under Article 15(5) of the Packaging and Packaging Waste Regulation (PPWR), the packaging materials are categorized and identified by the following static, generic Packaging Part Numbers (PNs):

- **AT-BOX-REUSED:** Reused, recycled, and clean corrugated cardboard boxes from incoming supplier deliveries (PAP 20 / PAP 21 / PAP 22). Used to minimize packaging waste and promote circular economy principles.
- **AT-BOX-NEW:** Newly purchased corrugated cardboard boxes (PAP 20 / PAP 21 / PAP 22).
- **AT-FILL-PAPER-REUSED:** Reused paper-based cushioning, kraft paper, and paper-based void-fill materials (PAP 20 / PAP 21 / PAP 22) collected from incoming supplier shipments to minimize environmental waste.
- **AT-FILL-PAPER-NEW:** Newly purchased paper-based cushioning, kraft paper, and paper-based void-fill materials (PAP 20 / PAP 21 / PAP 22) used for secure product protection.
- **AT-FOIL-LDPE:** Polyethylene stretch and shrink wrapping materials (LDPE 4) used for outer pallet wrapping and stabilization.
- **AT-AIRBAG-LDPE-NEW:** Newly purchased plastic bubble wrap and air cushions made of low-density polyethylene (LDPE 4) used for product cushioning.
- **AT-AIRBAG-LDPE-REUSED:** Reused plastic bubble wrap and air cushions made of low-density polyethylene (LDPE 4) collected from incoming supplier shipments to prevent material waste.
- **AT-AIRBAG-BIO-NEW:** Newly purchased biodegradable and compostable bubble wrap and air cushions made of bio-based polymers (PLA / PBAT / PHA) (7) used for eco-friendly cushioning.
- **AT-AIRBAG-BIO-REUSED:** Reused biodegradable and compostable bubble wrap and air cushions made of bio-based polymers (PLA / PBAT / PHA) (7) collected from incoming supplier shipments to prevent waste.
- **AT-FILL-BIO:** Biodegradable and compostable starch-based void-fill materials (EAN 97) used for product protection, reused from incoming supplier shipments.
- **AT-FILL-SYNTH:** Synthetic protective foam elements, cushioning profiles, and plastic void-fill chips (PS 6 / PU 7 / other plastics) strictly reused from incoming supplier shipments to prevent material waste.
- **AT-TAPE-PACKING:** Adhesive packaging tapes made of kraft paper (PAP 22) or plastics (PP 5 / PVC 3) used for sealing boxes and securing parcel closures.
- **AT-STRAP-PLASTIC:** Plastic strapping bands made of polypropylene or polyester (PP 5 / PET 1) used for securing and stabilizing boxes or palletized units.

- **AT-PAL-WOOD:** Wooden transport pallets (reusable or single-use) (FOR 50).

3. Declaration of Conformity

The manufacturer hereby declares under his sole responsibility that the packaging materials and generic part numbers described under Section 2 fulfill all relevant requirements of the following European Union harmonization legislation:

- Regulation (EU) 2025/40 on packaging and packaging waste (Packaging and Packaging Waste Regulation – PPWR), including all applicable amendments up to the date of this declaration.

4. References to Relevant Harmonized Standards or Technical Specifications

Conformity is verified and documented based on compliance with the following material and environmental criteria:

- **Substance Restrictions (Art. 5 / Annex II):** The sum of concentration levels of lead, cadmium, mercury, and hexavalent chromium present in the packaging materials does not exceed 100mg/kg.
- **PFAS Restriction:** The packaging materials comply with the current restriction thresholds for per- and polyfluoroalkyl substances (PFAS) in accordance with Regulation (EC) No 1907/2006 (REACH).
- **Recyclability & Design for Recycling (Art. 6):** The cardboard, wooden, and plastic materials used are inherently recyclable and meet the established criteria for material recovery.

5. Technical Documentation

The technical documentation required to demonstrate compliance in accordance with Annex VII of Regulation (EU) 2025/40 is maintained at the manufacturer's premises and can be made available to national market surveillance authorities upon reasoned request.

Signed for and on behalf of:

Alpha Therm GmbH

Plankstadt, Germany

Date of Issue: July 15, 2026

Steffen Hammer

Managing Director

(Signature & Company Stamp)

PPWR PACKAGING COMPLIANCE LABEL

According to Regulation (EU) 2025/40 (PPWR) – Article 15

This document serves as the regulatory packaging identification label for all goods delivered by Alpha Therm GmbH. It establishes the legally required link to our master Declaration of Conformity (DoC No. AT-PPWR-2026rev.02).

1. Supply Chain Actor Identification

Manufacturer (Inverkehrbringer):

Alpha Therm GmbH

Gewerbering 7, 68723 Plankstadt, Germany

E-Mail: s.hammer@alpha-therm.de

Customer / Importer (Empfänger / Einführer):

Please refer to the consignee / delivery address specified on the primary delivery note (page 1).

(Bitte entnehmen Sie die Empfängerdaten dem Hauptlieferschein auf Seite 1).

2. Packaging Item Identification (Generic PNs)

The shipment contains one or more of the following standardized, compliant packaging materials. Please refer to the physical shipment to identify which of these elements are utilized:

[PN: AT-BOX-REUSED] - Reused Cardboard Box

- Material: Corrugated Cardboard / Paperboard (PAP 20 / PAP 21 / PAP 22)
- Purpose: Reused original supplier packaging to minimize environmental waste.
- Compliance: 100% recyclable, free from heavy metals (< 100mg/kg), and REACH/PFAS compliant.

[PN: AT-BOX-NEW] - New Cardboard Box

- Material: Corrugated Cardboard (PAP 20 / PAP 21 / PAP 22)
- Purpose: Outer shipping box for high-protection requirements.
- Compliance: 100% recyclable, free from heavy metals (< 100mg/kg), and REACH/PFAS compliant.

[PN: AT-FILL-PAPER-REUSED] - Reused Paper Void Fill & Wrapping

- Material: Paper / Kraft paper (PAP 20 / PAP 21 / PAP 22)
- Purpose: Reused paper-based cushioning and void-fill packaging to protect goods and minimize environmental waste.
- Compliance: 100% recyclable, free from heavy metals (< 100mg/kg), REACH/PFAS compliant.

[PN: AT-FILL-PAPER-NEW] - Paper Void Fill & Wrapping

- Material: Paper / Kraft paper (PAP 20 / PAP 21 / PAP 22)
- Purpose: Paper-based cushioning and void-fill packaging to protect goods.
- Compliance: 100% recyclable, free from heavy metals (< 100mg/kg), REACH/PFAS compliant.

[PN: AT-FOIL-LDPE] - Plastic Wrapping & Stretch Foil (New)

- Material: Low-Density Polyethylene (LDPE 4)
- Purpose: Outer pallet stretch wrapping and product protection.
- Compliance: Recyclable plastic material, REACH/PFAS compliant.

[PN: AT-AIRBAG-LDPE-NEW] - New Plastic Bubble Wrap & Air Cushions

- Material: Low-Density Polyethylene (LDPE 4)
- Purpose: Newly purchased synthetic plastic bubble wrap and air cushions for product cushioning.
- Compliance: Recyclable plastic material, REACH/PFAS compliant.

[PN: AT-AIRBAG-LDPE-REUSED] - Reused Plastic Bubble Wrap & Air Cushions

- Material: Low-Density Polyethylene (LDPE 4)
- Purpose: Reused synthetic plastic bubble wrap and air cushions from incoming supplier shipments to prevent material waste.
- Compliance: Recyclable plastic material, REACH/PFAS compliant.

[PN: AT-AIRBAG-BIO-NEW] - New Bio-Plastic Bubble Wrap & Air Cushions

- Material: Compostable / Bio-based polymers (PLA / PBAT / PHA) (7)
- Purpose: Newly purchased biodegradable and compostable bubble wrap and air cushions for environmental-friendly product protection.
- Compliance: Certified compostable, REACH/PFAS compliant.

[PN: AT-AIRBAG-BIO-REUSED] - Reused Bio-Plastic Bubble Wrap & Air Cushions

- Material: Compostable / Bio-based polymers (PLA / PBAT / PHA) (7)
- Purpose: Reused biodegradable and compostable bubble wrap and air cushions from incoming supplier shipments to prevent material waste.
- Compliance: Certified compostable, REACH/PFAS compliant.

[PN: AT-FILL-BIO] - Biodegradable Void Fill (Reused)

- Material: Starch-based organic polymer (EAN 97 / compostable material)
- Purpose: Soluble, biodegradable cushioning peanuts for product protection, reused from incoming shipments.
- Compliance: Fully compostable, bio-based circular material, REACH/PFAS compliant.

[PN: AT-FILL-SYNTH] - Reused Synthetic Cushioning Elements

- Material: PS 6 / PU 7 / other plastics
- Purpose: Strictly reused synthetic foam elements, cushioning profiles, and plastic void-fill chips from incoming supplier shipments to prevent material waste.
- Compliance: Recyclable plastic material, REACH/PFAS compliant.

[PN: AT-TAPE-PACKING] - Adhesive Packaging Tape (New & Reused)

- Material: Kraft paper (PAP 22) or Polypropylene/PVC film (PP 5 / PVC 3)
- Purpose: Sealing cardboard boxes and securing parcel closures.
- Compliance: Safe for disposal within the respective recycling streams, REACH/PFAS compliant.

[PN: AT-STRAP-PLASTIC] - Plastic Strapping Bands (New & Reused)

- Material: Polypropylene or Polyester (PP 5 / PET 1)
- Purpose: Heavy-duty stabilization and securing of boxes or palletized goods.
- Compliance: 100% recyclable plastic, free from heavy metals (< 100mg/kg), REACH/PFAS compliant.

[PN: AT-PAL-WOOD] - Wooden Transport Pallet (Reused)

- Material: Natural Wood (FOR 50)
- Purpose: Grouped transport packaging for palletized deliveries.
- Compliance: Untreated / ISPM 15 compliant, bio-based circular material.

3. Legal Declaration

Alpha Therm GmbH certifies that all packaging materials listed above and utilized for this shipment fully comply with the heavy metal limits, PFAS restrictions, and recyclability criteria set forth in Regulation (EU) 2025/40 (PPWR).

Our comprehensive master Technical Documentation (TD) is registered and maintained at our headquarters in Germany.