

PRODUCT

THERMAL PAPER

Name:

Description: Top-coated thermal paper with resistance to grease, moisture and plasticizers. Very good image, resolution and good rigidity for label and ticket applications.

Phenol Free and Top coated.

Main applications: Label facestock, ATM receipts, Coupons, Bank statements, Invoices, Boarding passes, Medical charts, POS receipts, Lottery and gaming tickets, Entertainment tickets, Transport tickets, Tags.

This declaration is valid for all the grammages of this paper quality.

FOOD CONTACT COMPLIANCE

Thermal paper is suitable for contact with such kind of foodstuffs which are washed, shelled and/or peeled before consumption according to experience for a short period of time at room temperature (up to 40°C). In any case, direct contact is not foreseen and should be avoided by using a functional barrier.

The product complies with the latest update of the following norms:

- **European Parliament and Council Commission Regulation (EC) 1935/2004**, of 27 October 2004 on the Regulation of materials and articles intended to come in contact with such kind of foodstuffs which are washed, shelled and/or peeled before consumption according to experience for a short period of time at room temperature, and repealing Directives 80/590/EEC and 89/109/EEC.
- **The product is manufactured according the Commission Regulation (EC) No 2023/2006** of 22 December 2006. : this paper is manufactured according good manufacturing practices on materials and articles intended to come into contact with food.
- **LFGB – Foodstuffs, Consumer Goods and Animal Feed Code**, in the version of the notification of June 3, 2013 (BGBl. P. 1426), the latest update to Article 67 of the Law of August 31, 2015 (BGBl. I p. 1474), 30 and 31).

- **Food contact Guidelines** for the compliance of paper & board materials and articles (CEPI).
- **Good Manufacturing Practice** Guideline for the manufacture of paper and board for Food contact (CEPI).

DUAL USE ADDITIVES:

To the best of our knowledge, we confirm that the following substances are used in the composition of this paper, which are considered as dual additives in the Reg. 1333/2008/EU on food additives, or Reg. 1334/2008/EU on flavourings :

Number E	Dual additive		Number E	Dual additive
E 170	Calcium carbonate		E 551	Silicon dioxide
E 466	CMC		E 559	Kaolin
E 524	Sodium hydroxide		E 1203	PVA

These papers are physiologically and toxicologically safe if used in accordance with the intended purpose and can therefore be used safely on label facestock, ATM receipts, Coupons, Bank statements, Invoices, Boarding passes, Medical charts, POS receipts, Lottery and gaming tickets, Entertainment tickets, Transport tickets, Tags.

However, they can only remain in direct contact at room temperature for a short period of time with food products that are washed, peeled or decorted before consumption. In any case, direct contact is not foreseen and should be avoided by using a functional barrier.

For more informations on a specific end-use (food type and/or conditions, migration test, substances content, substances with SML, ...) or related with Food contact, not covered by this statement, please contact your local sales office.

TOY SAFETY COMPLIANCE

In Europe toys must meet the requirements in the 2009/48/EC (EU) Toy Safety Directive in order to carry the mandatory CE mark.

To show compliance with the EU Toy Directive, the harmonized standards can be used. Materials for the packaging or labelling of toys or stickers should comply with the requirements of the

European Standard for the Safety of Toys En71. The regulation covers different parts of toy safety and the product () complies with the following norms:

- **DIN EN 71 part 1: Mechanical and physical properties:**

Papers for toys are not mechanical parts of toys and are physically safe; thus this part does not apply to papers, as materials. It is responsibility of the end user to verify the compliance with this norm, if needed.

- **DIN EN71 part 2: Flammability:**

This part is not applicable to thermal papers, because they are not used for paper masks.

- **DIN EN 71 part 3: Safety of Toys - Migration of certain elements.**

This part of the European standard specifies requirements and test methods for the maximum allowed migration of certain elements (heavy metals) or their compounds:

We confirm that all the elements analyzed in the paper (Aluminum, Boron, Chromium, Manganese, Cobalt, Nickel, Copper, Zinc, Arsenic, Selenium, Strontium Cadmium, Tin, Antimony, Barium, Mercury and Lead) comply the maximum allowed migration in the Norm, including the Chromium VI mentioned in the Directive Commission (EU) 2018/725 of 16 May 2018 amending, for the purpose of adaptation to technical and scientific developments, point 13 of part III of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys.

- **DIN EN 71-9 and Toy Safety Directive 2009/48/EC Annex II Appendix C: Safety testing of Organic chemical compounds – requirements (forbidden colourants, primary aromatic amines, PBDE and PBB) .**

- **Directive 2005/84/EC of 14 December 2005 relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles):** Our thermal papers comply with this Directive and do not contain phthalates in his composition.

OTHER NORMS:

- **Directive 94/62/EC:** The product complies the analytical safety testing regarding total content of heavy metals, according to European Parliament of the **Council Directive 94/62/EC on packaging and packaging waste** and its subsequent amendments (Directive 2018/852), that limits the content of heavy metals such that the sum of the concentrations of lead (Pb), cadmium (Cd), mercury (Hg), and hexavalent chromium (Cr (VI)) in packaging or packaging components shall not exceed 100 ppm by weight.
As well as to the US American **Model Toxics Legislation (CONEG)**.
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- **RoHS3:** RoHS stands for Restriction of Hazardous Substances, and impacts the entire electronics industry and many electrical products as well.

EU RoHS specifies maximum levels for the following 10 restricted substances. The first six applied to the original RoHS while the last four were added under RoHS 3 (Directive 2015/863 is known as RoHS 3. RoHS 3 adds four additional restricted substances (phthalates) to the list of six), which took effect July 22, 2019:

Cadmium (Cd): < 100 ppm

Lead (Pb): < 1000 ppm

Mercury (Hg): < 1000 ppm

Hexavalent Chromium: (Cr VI) < 1000 ppm

Polybrominated Biphenyls (PBB): < 1000 ppm

Polybrominated Diphenyl Ethers (PBDE): < 1000 ppm

Bis(2-Ethylhexyl) phthalate (DEHP): < 1000 ppm

Benzyl butyl phthalate (BBP): < 1000 ppm

Dibutyl phthalate (DBP): < 1000 ppm

Diisobutyl phthalate (DIBP): < 1000 ppm

- **Regulation 1907/2006/EC (REACH)** and subsequent amendments: our product do not contain any substance listed in the SVHC List, in the Annex XIV or in the Annex XVII.