

# GUIDE TO BISPHENOL A (BPA) -FREE LABELING

Meeting new European Union requirements

PREMIUM QUALITY

**CHICKEN**

100% NATURAL MEAT

Labeling a smarter future



Learn more at  
[upmraflatac.com](http://upmraflatac.com)

WEIGHT 0,330 kg  
UNIT PRICE 13,40 €/kg  
PRICE 04,42 €  
EXPIRATION DATE 04.04.2019



# BE THE LEADER IN BISPHENOL A-FREE LABELING

**From January 2020, Bisphenol A (BPA) will no longer be allowed to be used in making thermal paper in the European Union. Companies that use thermal label papers need to start using BPA-free materials. This guide will walk you through the reasons behind this change. It will help you prepare your change management plan to eliminate brand risk.**

We at UPM Raflatac have been moving to BPA-free label materials, well in advance of the legal deadline. Our experts can discuss these legislative changes and offer options from our product range.

Let us act responsibly and be successful together.

## WHAT is BPA and WHY does it raise concerns?

Today's consumers are highly knowledgeable. They read labels carefully, care about the packaging's sustainability, and how it could affect people's health. As a result, they demand safe and regulation-compliant packaging.

In recent years, there have been concerns that BPA could negatively affect our health. BPA is an organic synthetic compound used in making plastics which are used to make consumer products like water bottles, sports equipment, CDs, cans, and in thermal paper as a colour developer in the thermal layer. How safe BPA is largely depends on how and how frequently people come into contact with it. This is referred to as the Daily Tolerable Intake.

In response to the possible impacts of the chemical and the public debate, the EU has set regulations restricting the use of BPA.





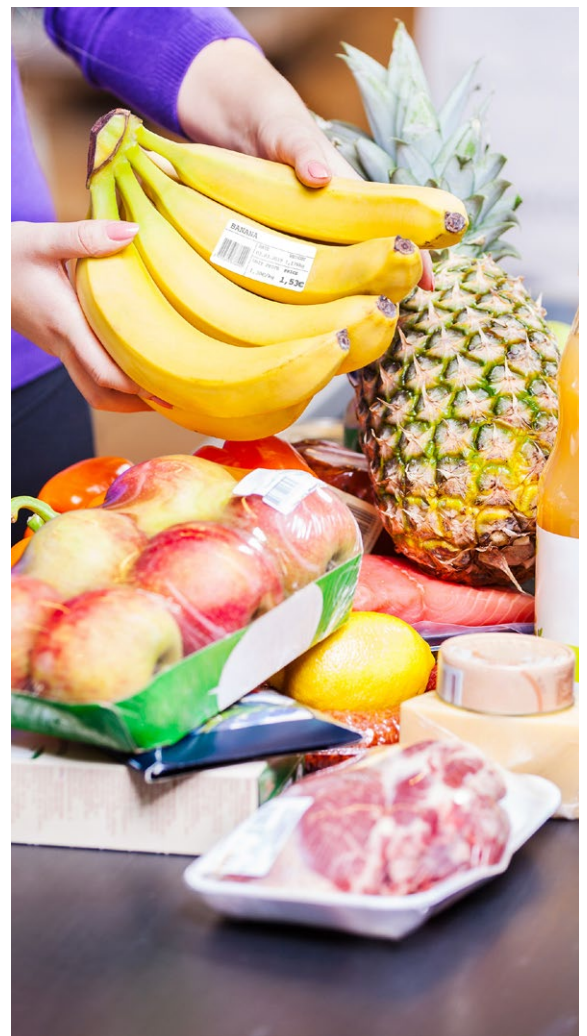
## NEW EU REGULATION ON BPA USE IN THERMAL PAPER

The new European Union Regulation (EU)2016/2235 will come into force on 2nd January 2020. The regulation states that thermal paper found to have BPA in concentrations of at least 0.02 % of its weight are no longer allowed on the market.

By prohibiting BPA based on the amount in the thermal paper instead of defining the Daily Tolerable Intake, the regulation makes the requirements very clear and easy to understand.

The colour developer usually makes up about 1 – 1.5% of the thermal paper's weight. The level set in the new regulation is so low that BPA can no longer be used in the production of thermal papers. However, the regulation allows for trace amounts of BPA (lower than 0.02%) from post-production transfer.

All actors in the value chain producing or using thermal paper must move to BPA-free materials by 2020.



# BPA-FREE LABELING SOLUTIONS FROM UPM RAFLATAC

At UPM Raflatac, we take our responsibility seriously. Co-operating with our partners in the value chain is also very important to us. We have ensured that we are BPA-free well in advance of the legal deadline to ensure full value chain compliance.

We follow future trends constantly and take steps to shape industry standards. We already offer

total phenol-free thermal label paper options. The developer used in these materials is non-phenolic, making it chemically-different from all other color developers used in thermal papers. We see this as a long-term legally compliant solution.

**Secure your compliance and market position by switching to UPM Raflatac BPA-free and phenol-free labeling materials now.**

Join us in becoming a leader in sustainability, take our NXT+ range and use labels that are up to 20% more carbon positive than standard products.



## LOGISTICS

### THERMAL ECO BPA FREE NXT+ FSC

- Next generation BPA-free uncoated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Available with a wide range of standard permanent adhesives

### THERMAL ECO BPA FREE-FSC

- General purpose BPA-free uncoated thermal paper
- Available with standard permanent & removable adhesives

### THERMAL ECO TP FREE NXT+ FSC \*

- Next generation total phenol-free uncoated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Available with a wide range of standard permanent adhesives

### THERMAL ECO TP FREE-FSC \*

- General purpose total phenol-free uncoated thermal paper
- Available with standard permanent & removable adhesives

### THERMAL TOP LOG NXT+ FSC

- Next generation BPA-free coated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Top coating improves scuffing resistance
- Available with a wide range of permanent adhesives

### THERMAL TOP 200 PEFC

- General purpose BPA-free coated thermal paper
- Top coating improves scuffing resistance
- Available with standard permanent & removable adhesives

### THERMAL DURABLE P 300

- Durable, BPA-free double-sided coated thermal paper
- Premium resistance for scuffing, UV light, oil and chemicals
- Available with standard permanent and removable adhesives

### THERMAL TOP OPAQUE BLUEGREY-FSC

- Opaque, BPA-free double-sided coated thermal paper
- Improved opacity by blue/grey coloring of reverse side
- Available with standard permanent and removable adhesives

\* Representing the future of thermal paper chemistry

# RETAIL



## RETAIL ECO BPA FREE NXT+ FSC

- Next generation BPA-free uncoated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Product construction designed for efficiency at weigh scales

## THERMAL ECO BPA FREE NXT+ FSC

- Next generation BPA-free uncoated thermal paper offers high productivity improvement and transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Available with a wide range of standard permanent adhesives

## THERMAL ECO BPA FREE-FSC

- General purpose BPA-free uncoated thermal paper
- Available with standard permanent & removable adhesives

## RETAIL ECO TP FREE NXT+ FSC \*

- Next generation total phenol-free uncoated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Product construction designed for efficiency at weigh scales

## THERMAL ECO TP FREE NXT+ FSC \*

- Next generation total phenol-free uncoated thermal paper offers high productivity improvement & transportation efficiencies
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Available with a wide range of standard permanent adhesives

## THERMAL ECO TP FREE-FSC \*

- General purpose total phenol-free uncoated thermal paper
- Available with standard permanent & removable adhesives

# FOOD

## THERMAL TOP FOOD NXT+ FSC

- Next generation BPA-free coated thermal paper offers high productivity improvement & transportation efficiencies
- Barrier functionality incorporated in the base paper
- Unique forest-positive product, enhances biodiversity & mitigates climate change
- Designed for moist conditions
- Premium water & oil resistance
- Available with a wide range of permanent adhesives

## THERMAL TOP P 180-FSC

- General purpose BPA-free double-sided coated thermal paper
- Designed for moist conditions & deep freeze temperatures
- Premium water & oil resistance
- Available with standard permanent & removable adhesives

## THERMAL TOP P 200-FSC

- General purpose BPA-free double-sided coated thermal paper
- Designed for moist conditions & deep freeze temperatures
- Premium water & oil resistance
- Available with standard permanent & removable adhesives



## THERMAL TOP P 200 TP FREE-FSC \*

- Next generation total phenol-free double-sided coated thermal paper for general purpose
- Designed for moist conditions & deep freeze temperatures
- Premium water & oil resistance
- Available with standard permanent & removable adhesives

## THERMAL TOP P 300-FSC

- General purpose BPA- and BPS-free double-sided coated thermal paper
- Designed for moist conditions & deep freeze temperatures
- Premium water & oil resistance
- High-speed direct thermal printability
- Available with standard permanent & removable adhesives

\* Representing the future of thermal paper chemistry



# START YOUR BPA-FREE JOURNEY NOW WITH THESE EASY STEPS:

1. Check if the thermal label papers you use are BPA-free.
2. Stop buying thermal label papers from suppliers that do not offer BPA-free alternatives.
3. Find a reliable supplier of BPA-free thermal label papers.
4. Ensure that old stocks of thermal label papers containing BPA are used up by the end of 2019.

UPM Raflatac wants to ensure that your shift to BPA-free thermal label papers is as smooth as possible. By working with us and ordering from our BPA-free and total phenol-free product range, you:

- avoid legal consequences and meet the new EU regulations on BPA on time.
- save on material write-off and scrapping cost by smartly managing your stocks.
- lower your risks by working with a trusted and responsible partner.
- stay two steps ahead of the competition by adopting total phenol-free thermal label papers.

Take concrete steps to BPA-free labeling and beyond. Call us today and ask about our BPA-free and phenol-free labeling solutions.



[www.upmraflatac.com](http://www.upmraflatac.com)