



# Sustainable Thermal Paper for POS

# Reduced down to the essentials.

## New: sustainable thermal paper for till rolls at POS

Physics instead of chemistry! With **PURE**, Mitsubishi HiTec Paper has developed a new, sustainable thermal paper for POS that can be successfully used in all common thermal printers. The key is that the opaque functional layer of **PURE** reacts physically to heat, so that the underlying black layer becomes visible, revealing the text. All of this happens without a chemical reaction because we have reduced **PURE** down to the essentials.

### GOOD TO KNOW

**PURE** papers for POS are available FSC® Mix and PEFC™ certified.



The mark of responsible forestry



## PURE

Because of our unique technology **PURE** thermal papers for POS is guaranteed to be ...

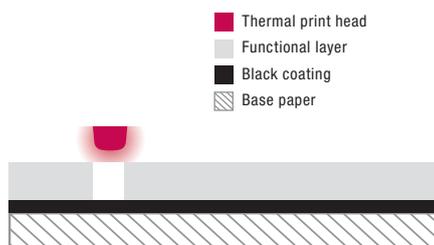
- > Without chemical colour developers (and therefore also phenol-free)
- > Without chemical colour formers
- > Without a chemical reaction



**Other features:**

- > FSC® Mix / PEFC™ certified
- > Approved for direct food contact
- > Suitable for all common POS thermal printers
- > Very good resistance to environmental influences (sunlight, heat, moisture)
- > Printed image can be archived for up to 40 years
- > High dynamic sensitivity
- > Very good flexo printability
- > Available in different grammages

**Imaging process**



The printed image is created by a physical reaction: The heat from the print head makes the top, slightly opaque layer of PURE paper transparent, which makes the black layer beneath visible. Because the top layer is slightly opaque, the paper is light grey in colour, and is therefore easily distinguishable from standard thermal papers.



As a responsible manufacturer, we strive to produce and process our products in the most environmentally friendly way and to the highest standards of quality. We take our social responsibility seriously and are active in various environmental associations and organizations. Complying with and conforming to rules and regulations goes without saying. Social commitment is an important part of our corporate culture.

**Certifications:**

- > FSC® Chain-of-Custody
- > PEFC™ Chain-of-Custody
- > DIN EN ISO 9001
- > DIN EN ISO 14001
- > DIN EN ISO 50001
- > DIN ISO 45001
- > INREKA DIN EN 15593



**Memberships:**

- > B.A.U.M.
- > ChePap Rhein-Ruhr
- > Klimapakt Flensburg
- > Ökoprofit® Klub OWL
- > Two Sides
- > Wirtschaft pro Klima



*thermoscript*