

Field of Application

TinTipp is nitrocellulose-based rotogravure ink series specially formulated for printing on cigarette tipping paper.

Product Characteristics

Product	TinTipp
Product Code	T013XXX / T313XXX / T453XXX
Composition	Tipping Ink based on nitrocellulose and organic / inorganic pigments
Pigment	Food Grade Inorganic pigments – Titanium Dioxide and Iron Oxide (E171 – E172) Food Grade Organic pigments – Aluminum Lake (E102 – E180)

Additives

Thinner

Prior to production, the printing ink has to be adjusted to the printing viscosity by the addition of Ethyl Acetate.

Retarder

Ethanol can be used as retarder in order to influence the drying time of the ink under different climate conditions.

Product Processing

Prior printing

- Identification labels of the product should be always checked prior use.
- Product should be pre-conditioned to a room temperature of 20 to 25 °C, at least 24h prior use.
- Product must be mixed thoroughly before viscosity adjustment and printing process.

During printing

- Printing viscosity should be monitored and kept at the same level during the printing process

Shelf Life

Shelf life depends very much on the formula/reactivity of the ink system as well as the storage temperature. It is 1 years for an unopened ink container if stored in a dark room at a temperature of 15-25°C. Under different conditions, particularly higher or lower storage temperatures, the shelf life may be reduced.

Legislation

Product specified above is in accordance with the following:

- Tobacco Ordinance of December 20, 1977 (Bundesgesetzblatt, BGBl. [Federal Law Gazette] I p. 2831), which was last amended by Article 1 of the Ordinance of December 22, 2014 (BGBl. I p. 2398)
- Food Contact Materials Regulation (EU) No. 1935/2004

The ink can be used for production of materials in compliance with BfR recommendation XXXVI "Paper and board for food contact", status June 1, 2013