

Numbering Penetrating Ink

Securement of numbered documents

Printing processes

- Letterpress

Characteristics

- **Ink containing a colorant capable of migrating within the paper and appearing on the reverse side in the form of a pink marking.**
- The migration of the pink colour to the back of the document can serve as authentication proof of lottery tickets, numbered gift tokens, etc. It makes it possible to combat attempts at fraud and counterfeiting, often carried out by photocopying or by rubbing out then modifying the numbering.

Products available

- Ink colour: black (please contact us for other colours).
- Colour of the effect: pink.

Substrates

	Letterpress	UV Offset	UV Flexo	Water based Flexo
Non coated	***			
Matt coated	X			
Gloss coated	X			
Cardboard	X			
Synthetics ⁽¹⁾	X			
Non absorbent substrates ⁽²⁾	X			

*** Perfectly suitable, ** Suitable, * Test necessary, X Not suitable;

(1) Synthetics (PE, PP, PET, PVC)

(2) Non absorbent substrates: tracing paper, coated chromo colour and metallic

Recommendations

- The rate of migration depends on the porosity of the substrate. A grammage of less than 110 g/m² and a minimum porosity of the substrate of 200-300 ml/min (Bendtsen) are recommended; the migration time can vary between 3 and 10 days.
- A test must be carried out beforehand to check migration occurs properly.
- Use high inking rates.
- Maximum storage period: 6 months.

