

TECHNICAL BULLETIN

PEMTINT

ALCOHOL BASED PERMANENT TINTING INKS

PEMTINT is an alcohol based, low viscosity, surface tinting ink used for tinting uncoated paper substrates.

Characteristics

- Good colour density
- Excellent press stability
- Excellent print quality at high press speed
- Laser imprintable
- Very good colour fastness (permanency)
- Fast drying
- Versatile

Substrates

- Business forms, bond paper.

Typical Applications

- PEMTINT may be used for business forms, envelopes, table mats, etc.

Base Colours

- | | |
|-------------|------------|
| • PSTY07691 | G/S Yellow |
| • PSTY07692 | R/S Yellow |
| • PSTY07693 | Orange |
| • PSTR07694 | Y/S Red |
| • PSTR07695 | B/S Red |
| • PSTP07696 | Violet |
| • PSTB07697 | Blue |
| • PSTK07698 | Black |

Revised: January 19, 2011

Technical Data

Printing Process	Tinter process (GP & Guttman)
Plates	Tinting rubber rollers only
Reducer	2A alcohol. There is no limit to the amount that can be added. Slower drying may be achieved by reducing in part with Glycol Ether EP
Product Safety	Read the Material Safety Data Sheet (MSDS) before using this product.
Shelf Life/ Storage	Approximately six(6) months to one(1) year depending on storage conditions and use. Store at 15°C to 30°C. Do not allow to freeze. Agitate well before use.

CAUTION * CAUTION * CAUTION * CAUTION * CAUTION * CAUTION * CAUTION * CAUTION

1. Due to the availability of a wide range of substrates, we recommend that you have your substrate pre-tested and verified at the beginning of the press run to ensure all ink characteristics remain suitable for the application.
2. Keep from freezing.
3. Do **not** use IPA (Isopropyl alcohol). It is incompatible with certain base colours.
4. Reduction ratios may vary from colour to colour.
5. Reduction rates of less than 2 to 1 (*i.e.* : more than 35% conc. and less than 65% solvent) may require faster drying and therefore must be specially formulated by Pemla.

Pemla cannot anticipate all conditions under which this information and our products may be used. All printing applications should be tested before using on a press. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Please contact Pemla technical personnel for more information.

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