



reacto[®]
CARBONLESS PAPER

reacto[®] Desensitising Ink – Recommendations for Use

Printing plate

All Photopolymer plates, plurimetal as well as diazo plates are suitable (do not use paper offset plates or offset plates for small editions). Apply some desensitising ink in the image area to verify suitability of the printing plate. The plate is suitable if the plate surface does not change within 24 hours.

Printing with reacto[®] desensitising ink

- Apply desensitising ink on the CF side in the last printing unit and increase the ink gradually.
- Ensure that other printing colours which will be in contact with the desensitising ink are alkali and alcohol resistant in order to avoid bleeding of the colours.
- The printing speed must be adjusted to the required printing quality and to avoid misting (130-230 m/min).
- Try to avoid damage to the microcapsule coating of the paper (kiss printing) as emitting capsule oils might support a migration of the desensitising ink.
- A quantity of 2.5 g/qm² of ink is sufficient for unobjectionable desensitisation.
- After application of the desensitising ink the paper slightly glazes. This will disappear after a few minutes.
- Ensure that no desensitising ink gathers on the idler reels which could have an effect on other areas.
- Use the test spray to visualise the desensitised areas as well as paper spots that have been desensitised by mistake due to scumming or the deposit of the ink. Regular testing is recommended.
- Should a 100% non-readability be required print a tight screen (sequence of numbers or similar) on the paper before desensitising. This prevents an eventual legibility due to paper-deformation when writing with a ball pen or due to show-through.
- Wait 24 hours before using the desensitised paper.

Verification of desensitising

- Take a ball pen and draw a line through the desensitised area of the paper at normal pressure.
- Desensitising is sufficient when the desensitised area does not show any pen traces.
- Take into consideration the mechanical modification of the paper through the pressure of the typing machine or ball pen when evaluating the testing results (shadows).
- Use the CF test spray again to verify the location of the desensitised areas (see also "Printing with reacto[®] desensitising ink").