

Practical notes

Storage

reacto[®] is supplied with a relative paper moisture of 38-50% at 21°C. Experience has shown that these are the most favorable conditions for achieving good printing results. reacto[®] should be stored and processed in rooms with constant ambient conditions. Before unwrapping the paper and commencing printing, reacto[®] must be acclimatized to the conditions in the printing area.

Printing methods

reacto[®] can be printed using any of the usual methods for printing forms, e.g. letterpress, dry and wet offset, and flexographic printing.

Laser printers

For use in laser printers we recommend the reacto[®] LASER quality which can generally be used for all dry-toner digital printing systems. reacto[®] LASER is suitable for pure laser printing as well as preprint.

Ink jet printers

As a general rule, reacto[®] can be processed in ink jet printers. A point to notice here is that the differing natures of coated and uncoated surfaces mean that they have differing printing qualities. If the quality of the printed copy must meet demanding requirements, we recommend that tests are conducted beforehand.

Printing inks

High-quality, low-tack printing inks should be used, preferably unthinned. The ink must not react with the coating; if in doubt, please consult your ink supplier. When printing on the reverse side, use thinly applied light-colored inks (no glossy inks). When printing scrambled pattern on the back of the paper, e. g. for pay envelopes, it is important to use printing inks which do not impair the copying performance.

Printing press adjustment

The capsule-coated CB, CFB and SC sheets are pressure-sensitive. Excessive pressure on the paper must be avoided to prevent destruction of the microcapsules and discoloration.

Halftone printing, solid printing

We recommend that solid printing on middle and bottom sheets is restricted to areas in which no legible copy image is required. Halftone printing techniques impair the quality of copies if the dot density exceeds 25 %.

Desensitisation

The desensitisation of defined areas on forms is possible by printing desensitising ink onto the area in question. For this purpose, please use only reacto[®] Desensitising Ink. Please read the handling instructions on our homepage carefully before use.



Practical notes

Reverse side printing

Printing is often required on the reverse side of the top and middle sheets, e.g. general terms and conditions. Offset printing is highly recommended for this because the pressure-sensitive capsule-coated side only tolerates minimum application of pressure. Light-colored inks and light-face type prevent show-through and do not impair the copying performance. Do not use glossy inks.

Tinting

reacto[®] can be surface tinted with both alcohol and aqueous based inks. As tinting affects copy quality, ink coverage should be light. However, no guarantee of copy intensity or fanapart performance can be given on self-tinted paper, so please make sure that the tinting process has no negative effects.

Perforation

reacto[®] Carbonless Paper is suited for longitudinal as well as for transverse perforation. Remaliner perforation is also possible. The low abrasiveness of our CF coating ensures long service life of the tools.

Cutting

When using guillotine-type cutters, the following must be observed:

- Keep the press-bar pressure as low as possible.
- Slipping of the stack and discoloration can be avoided by attaching a section of expanded rubber to the press bar.
- Distribute the stacks evenly over the width of the cutter, a height of the stacks of 8 - 12 cm is recommended.
- Remove protection sheets before cutting the reams.
- Use a blade angle of 19° to 21°.

Copy life

The amount of time that copies can be kept without degrading is important in view of the different periods of time required by law for storage of business records. reacto[®] is officially tested and approved. Tests have shown that archiving times of over 25 years are achieved using typical filing or folder systems.

The copying properties remain virtually unchanged for up to three years. For optimum results, however, the forms should be used within five years.

Storage of forms

Forms should not be exposed to chemicals, vapors, fumes or bright light. Plasticizers contained in plastic films and sheets can impair copies. We therefore recommend that polyethylene products are used.



reacto® Fanapart Adhesive

Recommendations for Use

Print / Adhesive Preparation

- Leave an unprinted strip of at least 2 mm at the edge to be glued.
- Put all the sets with their trimmed edges exactly together. Cut the edge of the pages before gluing.
- The height of the stack should not exceed 30 cm.
- In order to prevent gaps between the sheets a maximum weight of 2 kg can be placed on top, but there is no need to press the stack down!

Fanapart Gluing

- Apply the glue as soon as possible after making the cut.
- Shake glue well before use.
- Use a clean, soft flat brush.
- Apply glue from the middle of the stack outwards, moving the brush horizontally.
- Saturate the glued edge by applying several wet on wet coats during a single operation.
- After a drying time of approximately 40-60 minutes, separate the sets into small stacks by fanning them out.
- Use (hot) air drying, if at all necessary, no earlier than 15 minutes after applying the glue.
- The glue is finally set after a total drying time of 90-120 minutes.

Tips and Suggestions

- Before gluing a large number of copies carry out a test gluing.
- When using higher grammages of paper a second coat should be applied approximately 1 minute after the first coat.
- For a better separation take away the weights after 15 minutes of drying.
- The grain direction of the sheets must be consistent within a form set.
- After use clean the brush and vessel with water.
- Never pour the rest of the glue back into the glue bottle.
- We recommend that you use the glue within one year of delivery. Glue that has been exposed to frost will no longer work.