



# X+Y=DRY

X+Y=DRY is a unique product to deal with the old problem of ink drying. X+Y=DRY consists of two separate tubes, one containing 'X' paste and the other 'Y' paste. When the two pastes are mixed with ink in the appropriate quantities and the treated ink comes into contact with water, oxygen is generated. The released oxygen promotes rapid polymerisation and hence drying or curing of the ink. Because the oxygen is within the ink, X+Y=DRY gives complete curing throughout, not simply drying of the surface skin. X+Y=DRY is recommended for use with oil-based inks, including rubber-based inks and wax-free inks. It should **not** be used with water-based inks.

- Gives complete and rapid curing of the whole ink film, not simply the surface and thus gives more control over drying time.
- Does not affect gloss and helps eliminate "gloss ghosting".
- Can be used on all or any single colour unit and on all substrates.
- Reduces or eliminates the need for spray powder.
- Allows immediate back-up and faster turn-round.
- Works with all dampening systems (integrated and conventional, alcohol and non-alcohol types).
- Does not tarnish metallic inks.
- Provides improved rub resistance.

## DIRECTIONS FOR USE

For best results, equal amounts of 'X' and 'Y' should be used and mixed together prior to addition to the ink. The exact amounts of 'X' and 'Y' required can only be found by trial and error since drying time depends on several factors including the ink, the substrate and the dampening system. As a starting point, we suggest that a 50mm ribbon of each be used per half kilogram of ink. If the ink is not drying sufficiently quickly, then the amounts of both 'X' and 'Y' should be increased in 10mm increments. In normal circumstances, no more than a 100mm ribbon of each per half kilo should be used. **N.B.** For rubber-based inks, begin with double the starting dosage recommended above, and adjust as necessary. For metallic inks, begin with half the starting dosage recommended above, and adjust as necessary. At the end of the shift, the ink duct must be cleaned of ink which has been treated with X+Y=DRY and the inking rollers washed clean to void the possibility of drying-up occurring overnight. With integrated dampening systems, however, washing-up should be carried out immediately at the end of the run.