

## GUIDES TO BETTER PRINTING

### Printing on Metalized Papers

Ink printed on foil paper may have drying problems because the metalized coating is non-porous. This will increase the time required for conventional printing inks that contain tack reducing oils to set and dry hard.

Oxidizing printing inks are manufactured with vehicles that are 100% solids and contain large amounts of drying oils. These inks dry by oxidization instead of penetration and evaporation as do conventional printing inks.

There are other proprietary ingredients used to produce our Oxi-Set printing inks that allow them to perform well on the press, transfer well to the stock, and still set fast enough to minimize the amount of anti-offset spray powder used.

When running Rycoline Oxi-Set printing inks, we recommend that you add 28 ml (1 ounce) of Water Fountain Drier Stimulator to 4000 ml (1 gallon) of working fountain solution. Oxidizing inks will still take longer to set than conventional inks, but the extra setting time should guarantee that the inks adhere to the stock.

**NOTE:** Conventional printing inks may be run on metalized paper with some success by adding 1 - 2% of Aqua driers or 1% of combination driers to the ink. Since the free oil is still present, you may have to allow days of extra drying time.

As with all non-conventional stock, it is wise to have them evaluated by your Rycoline ink technician to help eliminate surprises.