

Heat Resistant Printing Inks (Waxfree, Laser, Blister Pak)

Heat Resistant Printing Inks are manufactured waxfree with heat resistant pigments. They are designed to withstand the high temperature and pressure of laser printers. The vehicles contain high solids with special inhibitors. PANTONE approved.

Cautions:

1. Waxfree inks will mark/ scuff/ rub.
2. Ask your laminator/ hot foil stamper about the use of chemical resistant (coatable) mixing colours. Reflex Blue may produce a 'halo effect.'

Coatable Mixing Inks

Coatable printing inks are designed to withstand colour change due to chemical reactions caused by U.V. lights and aqueous coatings. They are manufactured waxfree from light and ammonia resistant pigments. The vehicles contain high solids with special inhibitors.

Due to the lightfast pigments that must be used in the Coatable mixing inks, Warm Red, Rhodamine Red, Purple, Violet, Reflex Blue and Blue 072 are not to PANTONE specifications and care should be taken when intermixing.

Coatable Process Series Inks were reformulated in March 1998 with:

1. an additive to reduce marking the second time through the press or through the U.V. coating unit
2. the minimum amount of solvent to prevent retention
3. an additive that will promote coating adhesion

The industry does not recommend the use of metallic printing inks with laser printers or coatings due to the leafing action of the metallics and their solvent content.

As with any extraordinary printing job, it is wise to have your ink tested for compatibility with the particular finish.