

TOTAL RELEASE INK COMPOUND

TRC® is an ink additive that improves the transfer of ink from the printing blanket to the press sheet, thereby increasing the ink density

What are the benefits of using Total Release Compound®?

Total Release Compound yields more consistent solids with reduced voids, shading and ghosting. It produces sharper halftones and screens with less press gain, hickies and picking. TRC also reduces ink tack without affecting ink body and will not affect the ink's open time.

When should I use Total Release Compound?

Total Release Compound should be added to print jobs to reduce hickies and picking, achieve sharper halftones and solids, and to improve the overall printing properties of the ink. The actual results from using TRC will depend on the amount of the product used as well as your ink, paper stock and press conditions. (See the questions below for more information.)

How much Total Release Compound should I use?

Use 3% by weight of Total Release Compound (using more than 5% by weight reduces the effectiveness of TRC). Start with approximately one-half ounce per pound of ink.

What types of inks are best to use with Total Release Compound?

Total Release Compound will work in most offset printing inks (including soy, acrylic, rubber, UV, laser/thermal and metallic) on all sheetfed or web offset

presses. TRC is not compatible with water-based inks and should not be used in inks or varnishes with a tack of less than 7.

Can I use Total Release Compound with laser/thermal inks?

Items printed with Total Release Compound can be used with laser/thermal inks in laser printers and copiers.

Will Total Release Compound work in overprint varnish?

Yes. Use the same proportions as in inks (3% by weight). Total Release Compound will help "level" the varnish layer, which improves light reflectance when the overprint varnish is dry. TRC also helps the varnish adhere better to the printing surface.

What types of paper are best to use with Total Release Compound?

We have found TRC works best on uncoated paper stocks.

Does Total Release Compound contain any wax?

No. TRC does not contain any wax.

Does Total Release Compound require special mixing?

Due to its extremely fine dispersion, Total Release Compound can be mixed into your ink easily with an ink knife.

Can I store ink that has Total Release Compound added?

Yes. If you add Total Release Compound to more ink than you need to complete the job, you can store the remaining ink. We recommend indicating on the storage container that you have added TRC to the ink so that you will not unknowingly add more later. TRC will not reduce the shelf-life of your ink.



What are the HMIS ratings and VOC of Total Release Compound?

Total Release Compound has a low HMIS, and VOC ratings as follows: Health: 0, Flammability: 1, Reactivity: 0, Personal Protection: B, VOC: 0.

How does Total Release Compound differ from competitive ink additives?

Total Release Compound is less hazardous, with lower HMIS and VOC ratings. You only need to use one-half ounce of TRC per pound of ink, as compared to many other ink additives that require up to three times that amount. TRC offers many benefits. In order to achieve the same results as using only TRC, you would need to use a number of different ink additives at the same time.

Does Grafitec International Inc. Supply an Ink Additive for Quick Job Drying?

Yes. Request details on FarGel®.

How is TRC packaged?

Reference	Units
TRC0014	14 oz./4 Kg (12 per case)
TRC0006	6 Lbs./2.72 Kg