



USE OF OUR PRESS SIDE ADDITIVES IN UV OFFSET PRINTING

Adjustment of UV offset inks at press side is sometimes desired to enhance slip and wetting properties, and modify tack and viscosity. The following products are recommended and can be used with many of our offset ink lines:

JA21353 Polymatrix UV Synthis Additive – when added at 3.5% into our Super Cure series, it will enable high slip properties and the ability to print on plastic substrates. It should not be post added to our Synthis line of inks except under advisement. Once this is added to an ink, the ink will not be able to be overcoated with most OPVs. If a coating is desired, we have developed our FJ10069 Polylexsys UV Synthis Coating (flexo applied) especially for coating over Synthis inks.

JA22500 Polymatrix UV Slipex XS Additive – when added at 0.25% to any of our ink series, this will increase tape adhesion properties without markedly affecting COF. Inks may be overcoated, but tests should be done with the specific coating to ensure it wets out well over the ink.

JA21080 Polymatrix UV Gel Tack Reducer – a tack reducer with good residual body, this product maintains ink viscosity while still allowing for tack reduction. Use 1% for each 0.5 point of tack reduction required.

JA21090 Polymatrix UV Liquid Tack Reducer – this tack reducer will also reduce ink viscosity. Use 1% for every 0.5 point of tack reduction desired.

Whenever incorporating additives into the ink, make sure sufficient mixing is used for best results. Merely adding the products into the fountain and hand stirring will not incorporate the product completely into the ink.

Consult us if you have additional questions regarding the use of our additives.