



Technical Bulletin #102

M00047 Foil Release Additive

M00047 Foil Release Additive is designed to be used as an additive mixed with standard plastisol inks to retard adhesive of foil. The unique compatibility properties of M00047 in plastisol ink contribute to the functionality of foil release by creating release functionality on the surface of printed ink. M00047 is a phthalate free additive and can be used with Rutland's EV Clairra Colors and E2 Ink mixing systems. This unique product also allows for foiling dark garments. Simple mix up to 10% in both the underlay and the top layer of plastisol inks for foil release on dark garments.

Please note that the properties desirable to achieve foil release, may impact other finished properties like hand, crocking and fibrillation. Accordingly, Technical Data Sheet #302 Foil Release Additive is available on the Rutland Plastic Technologies web site, www.rutlandinc.com, states that concentrations of M00047 should not exceed 10% and that complete testing of the print be performed prior to running production quantities of prints. It is also recommended that M00047 be used with Rutland Plastic Technologies ink series to include MA, MH, M2, EV Clairra Colors, E2 and CB when mixed with MH0540 VO Base, MH0538 Opaque Base, or M20063 M2 Extender Base, and that wash and crock tests be performed as the fabric substrate and process conditions may impact overall performance.