

Non-silicone release agent

RT-3770

Characteristics and Advantages:

RT-3770 is a new-generation composite additive specifically developed for use in water transfer printing peelable films, featuring both release and defoaming functions. It offers highly effective release properties whilst maintaining excellent defoaming performance, and resolves the post-printing issues—such as re-coating and hot foil stamping—caused by the use of standard silicone-based release agents and defoamers currently available on the market. This product requires only a small addition rate, is resistant to yellowing, and offers excellent release properties and outstanding compatibility. It does not affect the transparency of the peelable film coating, nor does it affect the drying speed of the coating or the toughness of the film after curing.

1. Significantly improves the release and defoaming performance of peelable coatings
2. Excellent recoating performance and compatibility.
3. Effectively prevents defects such as watermarks, water streaks, water spots, smudges and ink spots during production,

Product Specifications:

Appearance	A pale, clear to slightly cloudy
Number of active doses	100%
Viscosity (25 °C, mPa·s):	400-800
Water solubility	Water-dispersible

Chemical composition	Modified polymeric non-silicone
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Applications:

Acrylic, polyurethane and nitrocellulose systems.

Recommended dosage:

2–5 per cent of the total formulation weight

Method of use:

No special requirements for addition; stir thoroughly until evenly mixed

Packaging:

25 kg per drum.