



PennWhite

Finasil® MS+
heat set web offset emulsion

technical data sheet

printing emulsions

Finasil® MS+ is a unique silicone emulsion with exceptional stability, high slip and superior resistance to mechanical shear at very high press speeds. **Finasil® MS+** has an anti-static agent to aid the elimination of static charge, whilst it also improves the texture and optical brightness of the printed surface. **Finasil® MS+** provides a perfect coating of silicone and optimal remoistening of the web, imparts remarkable protection, high slip and faultless delivery for both folder and stacker.

Finasil® MS+ has been specially formulated to use on high-speed printing presses without accumulation of deposits on guides and rollers. **Finasil® MS+** also offers:

- Improved wetting of applicator rollers, resulting in more uniform distribution of silicone onto the printed web, and reduced 'fly-off' of emulsion droplets.
- Reduced viscosity, to assist accurate dilution using proportional dosers, and more efficient drainage of containers, to reduce wastage.
- A frost-stable concentrate, avoiding the risk of spoilage due to freezing during winter.

TYPICAL PROPERTIES

Appearance:	Cream-white opaque liquid
pH (neat):	7 (approx)
Density:	0.99 Kg/litre
Application Dilution:	5 – 20%
Brookfield Viscosity (20°C)	15cps (approx)

APPLICATION

Finasil® MS+ should be dosed to clean water feeding the applicator rollers following the chilling/set stage of printing. Dosage rate will depend upon ink quality, paper type and print speed.

Dilutions of **Finasil® MS+** should not be stored in the applicator bath for more than 72 hours as impurities returned from the applicator rollers may adversely affect stability.

PACKAGING

Finasil® MS+ is supplied in 25kg, 200kg and 1000kg containers.

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