



Emulsion PS18A

heat set web offset emulsion with antistatic agent

PennWhite

technical data sheet

printing emulsions

Emulsion PS18A is a blend of silicone and wax emulsions with an antistatic agent specifically developed to provide improved levels of gloss and antistatic effect in heat set web offset printing, particularly on low quality paper.

Emulsion PS18A efficiently re-texturises the paper web and reduces marking of the printed page.

Emulsion PS18A is significantly superior to standard silicone emulsions in that it;

- Allows higher printing speeds
- Enhances surface gloss
- Reduces streaking and marking
- Reduces static charge formation

Emulsion PS18A does not form deposits on rollers and guides which often occur with other silicone-wax emulsions.

TYPICAL PROPERTIES

Appearance:	Off white liquid
pH:	5 (approx)
Stability:	6 months in sealed container
Density	0.99kg/litre (approx)

APPLICATION

Emulsion PS18A is 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 **Emulsion PS18A** 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

Emulsion PS18A is available in 200kg and 1000kg containers.

(OPA2/F2)

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