



TECHNICAL DATA SHEET

SILICONE EMULSION STANDARD +

Description

Silicone Emulsion Standard + is an emulsion of Polydimethylsiloxane (Silicone oil) in water.

The emulsion is non-ionic and is, therefore, compatible with many anionic and cationic materials as well as other non-ionics.

The product contains an additive to give increased anti-static properties.

Specification

Appearance	White liquid
Solids content	33-37%
Specific Gravity	Approx. 1.00
pH	6-8

Application

Silicone Emulsion Standard + can be used in heat-set, web offset printing machines. The product is especially useful for high-speed magazine printing applications since it conditions the webs which improves resistance to high temperatures, increases tolerance to shear forces and offers good anti-blocking properties and mechanical stress. Silicone Emulsion Standard + enhances the properties of the finished product. Colour intensity, gloss and feel are all improved qualities from using silicone emulsions. This product also confers some antistatic properties so that little or no additional antistatic is required.

Silicone Emulsion Standard + can be diluted for more efficient use depending on the application. Typically, in printing applications, dilution to a final silicone level of 3-7% is used. Apply the product by spraying, dipping, brushing, wiping, curtain coating etc.

Pack Size

Available in 25kg kegs, 200kg drums or 1 tonne bulk containers.

Shelf Life

12 Months from date of manufacture. Protect from frost at all times.