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PRODUCT DATA SHEET

UV SCREEN HI-BUILD GLOSS 11050

Product Type

UV curable Screen High-Build Gloss Varnish

Properties

A varnish capable of printing at high film weights with excellent flexibility and minimal sag such that embossing, graining, Braille or “verco” type effects may be achieved. The need for multiple screen heads can be eliminated by printing this varnish as a pattern (in registration) over UV letterpress or UV offset inks. The result simulates full screen ink-printed properties and appearance.

Application

The coating is best applied through coarse screens (#90T - #120T flat bed, KH Rotary). Take care to avoid print designs with this varnish applied to the outer edge of labels as curling may occur. Where finer screens are to be used or where a smoother print result is desired, additions of *UV Screen Flash Gloss 11060* is recommended to improve flow and lay. Large solid printed areas generally require higher levels of *UV Screen Flash Gloss 11060* (up to 50%) to achieve a pinhole-free lay.

Typical performance characteristics

Cure: 25 m/minute per 120W/cm MPMV lamp @ 20 gsm.

Adhesion: Very good adhesion to most papers and boards.

Viscosity: 3,000 cPs @ 25°C approx.

Heat resistance: Good when thoroughly cured

The Problem Solvers

www.prismaticinks.com.au

All information is given in good faith without warranty. This information does not constitute a specification. Users are encouraged to assess the product under their own conditions and for their own applications.