



SmokeScreen+

Flame Retardant/ Anti-Graffiti
UV Curable Screen Print and Roller
Coat Inks

Polymeric has developed SmokeScreen+; an Anti-Graffiti/ Flame suppressing coating for a variety of materials and applications. The SmokeScreen+ coating has passed the rigorous testing requirements of the 701 Fire Test and the California Code Title 19, when printed on flame retardant materials. SmokeScreen+ Anti-Graffiti properties are unlike any product in the industry; with resistance solvents, paints, markers, cleaners, gas, sauces, mustard, red wine and acids. SmokeScreen+ cures extremely fast for in-line, high speed and cure, without blocking. SmokeScreen+ UV coating has excellent contact clarity and will not detract the visual aesthetics of the graphic it's coated on. It is ideal for use on Litho, Flexo, Screen and Digitally printed graphics, and wall-coverings.

Screen/Roll-Coat

230- 305 plain weave mesh is recommended. When Roll-coating .5 to 1.0 mil dry film is recommended.

Curing

1- 200/300 watt per inch medium pressure vapor lamp with an Mj output of at least 130 Mj/ cm², (minimum 400 mW/ cm²)

Storage

Care should be taken to store ink in tightly closed containers located in a cool (60-80°F/15-27°C) dark place. With suitable conditions, unopened ink is expected to have a shelf life of approximately twelve (12) months for colors and six (6) months for white, from date of manufacturer.

Belt Speed

65-70 feet per minute depending on lamp efficiency and heat emission

Squeegee

Sharp 80 Durometer polyurethane blade

Coverage

2500- 2800 square feet per gallon

Precautions

Read the safety data sheet prior to processing. It contains instructions for precautions to be taken when handling inks. If ink comes in contact with skin wipe off with a clean, dry cloth (do not use solvent). Wash and rinse the affected areas with soap and water.

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