

IMS1220 Black Plastisol NV

Description

ImageStar IMS1220 Black Plastisol NV is a Non Phthalate black plastisol designed to be printed directly on 100% cotton or 50% cotton/ 50% polyester blended textiles. The IMS1220 Black NV can be used as a highlight, or a stand-alone black ink. This product is designed with a creamy texture and features excellent printability, fast flash, and a smooth surface. IMS1220 Black NV can be mixed with soft hand base to give it a softer hand and reduce the ink deposit

Preparation

Screen preparation when printing plastisol ink systems can vary depending on print run and design. Most stencil systems can be used with plastisol inks. To develop a higher profile or larger ink deposit, use a high solids emulsion or thick film to build the stencil profile. IMS1220 Black Plastisol NV can be printed through a variety of mesh counts from 83 to 305 mesh.

Application

ImageStar IMS1220 Black will create a semi-gloss look if printed direct from the bucket. It can be reduced with soft hand to create a matte look. IMS1220 Black will flash in 2 to 4 seconds and can be printed wet on wet. Plastisol can be printed with a variety of squeegees, with softer squeegees producing a higher ink profile.

Curing

Curing plastisol is critical and must be completed to assure wash fastness. Plastisol inks will never dry and must reach a cure temperature of 320° F on the ink film. Gas dryers with forced air will provide the most efficient and consistent results. Curing should be checked periodically throughout the print run with a thermal probe. Wash testing is always the best test prior to production. Under-cured plastisol will wash off the garment and or crack and crock.

Wash-up

General ink removal from the screen can be done with most textile screen wash products. However, a good rule of thumb on chemistry for clean-up is to use press wipes for color changes and a screen wash or ink degradants prior to reclamation. Even after using a press wipe to remove the ink, an ink degradant or screen wash should be used prior to any water being applied to the screen. This will help reduce or eliminate most ghost haze stains. If staining still occurs, most screen chemical haze removers can remove it during the reclamation process.

Note: Always test final cure on different fabrics as some fabrics can hold less heat and thus absorb some of the heat from the ink film. Testing the surface of the ink film is always the most accurate measure of cure.