



PRODUCT DATA SHEET

ATP-101

ATP-101

A Tough Durable Ink for Athletic Uniforms

Product Overview:

ATP-101 Athletic White is designed specifically for athletic uniforms, athletic bag printing, and difficult to print-on fabrics. This ink may be printed thick for athletic lettering and transfers. ATP-101 has excellent, low bleed characteristics and is recommended for use on nylon and polyester materials including mesh, dazzle cloth, Cordura® and other difficult fabrics. ATP-101 was not formulated for printing on closed weave nylon jackets/shells without the use of MF-66 Nylon Bonding Agent.

Printing:

For best results use a flood/print method using a 60 to 70 durometer, squeegee. A print, flash, print is recommended for polyester. 60-110 TPI (23-43 TPcm) screens tightened to 25 newtons are recommended. Coarse meshes are recommended for a thicker ink deposit. The ATP-101 white has excellent adhesion and will produce a long print life on loosely woven nylon substrates. Closed or tight weave nylon shell fabrics (used in jackets) will still require MF-66 Nylon Bonding Agent. WARNING: Some jackets are waterproofed and may prevent MF-66 from bonding. A solvent wipe of the fabric may be required.

Stencil:

Use any direct emulsion or capillary film.

Additives:

ATP inks are ready to print. Reduce if absolutely necessary using P-5011 Curable Reducer. Reducing the viscosity will also reduce the opacity and coverage of the ink.

Flashing:

Depending on your flash unit, ATP Inks will flash in 3 seconds, (10 watts per sq. in/heating area) or 4-5 seconds (6-7 watts per sq. in. /heating area).

Curing:

Cure at 300°F (148°C) over a 60-90 second period depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

Cleanup:

Use any of the commercially available products for the cleanup of plastisol inks.

Environmentally Friendly:

QCM Plastisol Ink contains no leaded pigments and, when properly disposed of, has no environmental impact. Use a screen wash for plastisols for cleanup. Scrape screens carefully and store ink for reuse. Minimize unusable scrap ink by segregating ink by color. QCM PPR-901 Black pigment can be used to convert old ink into black ink for waste elimination.