



PRODUCT DATA SHEET

PUFF ADDITIVE

BA 0111 NPT Puff

Puff Additive

Product Overview:

BA 0111 NPT Puff is a concentrated plastisol printing ink which has been formulated so that when added to a finished ink, it produces a high „Puff“ effect on a variety of fabrics. These finished inks print smooth and have an even rise for a clean, sharp print. Add at 5-15% by weight and test for desired puff effect. Depending on mesh count used and print technique, you may add up to 20% by weight.

Printing:

Puff inks are generally printed through coarse meshes, 23-31TPcm and as high as 43-62TPcm. Screens stretched to a minimum of 25 newtons are recommended. This allows you to lay the ink on the surface of the shirt using minimal squeegee pressure and minimal off contact.

Stencil:

Use any direct emulsion or capillary film

Substrates:

BA 0111 NPT Puff may be printed on 100% cotton/poly blends, acrylics and polyesters. Pre-production run testing is always recommended to ensure adhesion, wash ability and dye migration, amongst other things.

Curing:

Recommended cure temperature 160-171°C for 60-90 seconds, depending on curing unit and thickness of ink deposit. Lower temperatures may not produce adequate puffing and higher temperatures or excessive duration in the dryer may cause ink to over-puff and collapse.

Cleanup:

Bomo Powerclean

Environmentally Friendly:

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

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