



TECHNICAL

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BULLETIN

NU-ERA HEAT TRANSFER INKS

Printers all over the country are getting more and more requests to do heat transfer work. The main problem arising when someone requests this type of printing is that few printers understand the differences and limitations of the two different heat transfer processes. One of the first transfer inks developed by Gans Ink Co. was the decal type. They are designed to transfer to natural fibers (100% cotton in most cases). These inks do not sublime to synthetic materials when subjected to heat as do our Pyroscript inks.

The process:

Heat transfer inks are printed in a reverse image using a conventional offset press and standard fountain solution. Spray powder should be used with caution. The Recommended transfer paper is a CIS stock generically known as French Paper.

Overcoat: A silkscreen opaque Plastisol coating must be applied to the image within 72 hours of printing.

Shelf Life: Once overcoated with the Plastisol, transfers can be stored for several years, but handle them with care to prevent scratching.

Transfer: To transfer the decal from the paper to the material you can either use an iron or a heat transfer machine set at 350 degrees Fahrenheit for 15 seconds. Any variation will affect the quality.

Limitations: Once transferred decal images will begin to deteriorate after just a few washings.

Important: It is very important that you do not put additives, especially dryers, in this ink. They will cause the ink to stick to the paper and not allow them to transfer when heated.

Description	Ink no.	Tack
Nu-Era 1/D Process Black	A108503	14.5
Nu-Era 2/D Process Cyan	A108504	14.0
Nu-Era 3/D Process Magenta	A108505	13.5
Nu-Era 4/D Process Yellow	A108506	12.0

Nu-Era heat transfer inks are also available in most PANTONE* shades. Metallic gold, silver, opaque white and fluorescents are not currently available.

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