GTB General Purpose Heat Transfer Ink

【Product description】

This product is a polyurethane based heat transfer ink, can be printed with heat transfer printing process on different plastic substrate (PE, PP, ABS, PE, PS, PVC etc.), leather, bamboo wood glass substrate. Transfer temperature between 160-220 ºC

【Product features】

- ❖ Compatible with wide range of printing substrate and adhesive, excellent fastness
- ❖ Soft dried ink film, thicker ink film is difficult to crack
- ❖ Good printing adaptability
- ❖ Ink film has a small degree of elongation properties, good rub resistance
- ❖ For some substrate (like leather, PVC etc.) transfer print adhesive is not required

【Printing conditions】

- ❖ Printing viscosity depends on cell depth and printing speed, recommended viscosity:
  White: 15-18 sec ZC3#/ 25 ºC
  Coloured: 16-20 sec ZC3#/ 25 ºC
  Precaution: Printing viscosity should be increased when printing in slow speed with deep printing cell
- ❖ Recommended printing process:
  PET// Release layer// (Protective layer)// Ink// (Adhesive)
  Protective layer can be increased depending on customer's need. Adhesive amount could be adjusted depending on adhesion difficulty.

【Ink series】

Black, White, red, yellow, blue basic colour, specialized colour can be ordered upon customer request. Please inform in advance for weathering resistant product.

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【Dilution】

Dilution can be adjusted depending on printing speed and weather, recommended ratio as below:

Solvent	Fast drying speed	Medium drying speed	Slow drying speed
n-propyl acetate	25	45	45
Butyl acetate	-	-	40
Ethyl acetate	60	40	-
IPA	15	15	15

【How to use and Precautions】

- Shake well before use to ensure good ink flow
- Ink should be diluted with adequate amount of solvent before use, fast, medium and slow drying speed solvent can be chosen to suit different weather and printing speed
- When using GTB series slight performance difference might occur depending on the performance of the release agent layer, protective layer and adhesive. Please ensure good compatibility between ink, release agent layer, protective layer and adhesive
- Curing agent can be added under special circumstances, please contact us for details
- Ink performance will be affected by different printing substrate and actual printing process, please confirm before use. If you have any enquiries please contact us

【Disclaimer】

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