



## TECHNICAL DATA SHEET

### PFX SERIES - COLD FOIL - RANGE

#### INTRODUCTION

Cold foil can provide an one stop solution for printing and stamping. This technology can overcome **heat sensitive substrate**.

- ✓ With a wide range of **metallic effects**, Henan's Cold Foils provide an **even broader portfolio of finishing options**.
- ✓ In addition to our PFX 01 Series for offset printing, there is the PFX 02 Series for rotary which was specifically formulated for the thru - cure wet lamination process.
- ✓ A key advantage to Henan's Cold Foils is the ability to be flexo, screen and offset overprinted by both UV and conventional inks.
- ✓ Cold foils create true metallic effects – the perfect reflection.
- ✓ Cold foil technology is also highly flexible, **quick to implement and above all cost effective**.

#### APPLICATIONS INCLUDE

- ✓ Self adhesive labels on semi-gloss and gloss papers and filmic substrates

PFX grade is suitable for all the above substrates but the amount of adhesive printed needs to be controlled to compensate for the porosity and roughness of the substrate and to suit the level of detail being printed. Best results are normally achieved if papers are primed with a varnish or ink underneath the foil.

- ✓ Adhesives from Flint Group are recommended.

#### PROPERTIES OVERVIEW

##### Features:

- ✓ Suitable for Advertising material, Web printed cartons, Food packaging, Cosmetics, Label, self-adhesive labels, Non-food packaging, Magazines
- ✓ PFX grade has free release to allow high speed use
- ✓ PFX grade has controlled metal thickness in order to allow passage of enough UV light through the foil to cure the adhesive. PFX grade is less opaque than standard hot stamping foils.
- ✓ In conjunction with suitable adhesives PFX gives similar or superior resistance properties to hot stamping foils.

##### MACHINE DETAILS:

- ✓ UV flexo and letterpress presses.
- ✓ Application is at room temperature

##### STORAGE:

- ✓ Stamping foils should not be stored in direct sunlight, and must avoid extremes of heat and humidity.  
- If storage conditions of 5-25°C and 35-60% humidity, a storage life of 12 months should be possible.

##### AVAILABILITY

- ✓ PFX series: 13 / 15 days.

Contact Henan Foils for availability of other shades.

The information contained in this data sheet is believed to be reliable, but the suitability of the products must be judged by the individual user. These specifications may be subject to change without notification or obligation. No warranty or liability for results obtained is expressed or implied.

## FOIL SHOWCASE



Any more  
information?  
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