

HSF30

HOT STAMPING FOIL

PRODUCT DESCRIPTION

This hot stamping foil is an established grade of pigment foil designed for the reliable coding of filmic packaging and label substrates. This grade has been developed to work on all different types of hot foil coders and printers. It is a premium quality foil which is particularly suited to high speed lettering and date coding onto modern food/pharmaceutical packaging films and coated label stocks.

RECOMMENDED SUBSTRATES

OPP, PE, PET, PVC, Nylon, Cellulose, Cellophane, Coated/Uncoated Papers, Synthetics Papers

PERFORMANCE PROPERTIES

PRINT SENSITIVITY

5

HEAT RESISTANCE

5

ABRASION RESISTANCE

10

SOLVENT RESISTANCE

5

LABEL ADAPTABILITY

5

LOW

MEDIUM

HIGH

TYPICAL APPLICATIONS



PHARMACY



HEALTHCARE



GENERAL



RETAIL



HORTICULTURE



FLEXIBLE PACKAGING



PRODUCT ID



HSF30

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PERFORMANCE CHARACTERISTICS

- Superior specification coding foil, giving easy to read, quality prints
- Non-toxic and approved for food packaging applications
- Clean in use i.e. dust free
- Superior abrasion resistant prints
- Dry coding - no messy or toxic solvent based inks
- Easy release - suitable for high-speed applications



FOIL SPECIFICATIONS	
DESCRIPTION	TECHNICAL
CARRIER	Polyester
GAUGE	12 micron thickness +/- 0.02
INK TYPE	Matt Pigment
COLOUR	Black
TEMPERATURE*	120 – 150 °C

FOIL STORAGE CONDITIONS	
DESCRIPTION	TECHNICAL
TEMPERATURE	5-25°C (~40-75°F)
HUMIDITY	20-60% Relative Humidity
LIGHT	Avoid direct sunlight
SHELF LIFE	12 months (at specified storage conditions)

*Note: These are nominal printing temperature ranges, dependent on the type of machine and the specific nature of the application

CERTIFICATIONS AND APPROVALS	
DESCRIPTION	TECHNICAL
ISO 14001, ISO 9001 & ISO 18001	All rolls have been manufactured in accordance
TOXICITY	EUROPEAN LIMITS (PACKAGING[ESSENTIAL REQUIREMENTS] 1998) CONEG 1994 FINAL LIMITS EN71.3
DISPOSAL	In bulk with approval of local authority, otherwise normal domestic routes

This information is the best available on the above ribbon grade. These results should, however, only be regarded as a general guide to material properties and is not a guarantee.



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