



MH Grade – A hot stamping foil for large areas and uncoated surfaces

APPLICATION: The MH grade is the first choice for large image areas or difficult uncoated substrates.

OVERVIEW

Key features:	The MH grade with its “heavy” adhesive and easy release is a superb choice for applications, combining foiling and embossing, rough uncoated materials and for stamping large area images.
*Operating temperatures:	Platen: 80°C - 130°C Cylinder: 110°C – 150°C Rotary: 140°C – 210°C *Dependent on machine type and application parameters.
Substrates:	Cartons and greetings cards. Coated and uncoated paper and board. Suitable for most types of inks and varnishes, typically, UV, conventional and water-based. Also suitable for some book-binding and leather substrates.
Availability:	Available in a comprehensive range of shades. For more information on availability, contact the Customer Service Team at API Foils.

PROPERTIES

Resistance Properties:	Good resistance to Abrasion in graphics applications (STM05) Good resistance to Water (STM06) Good resistance to Wines and Spirits (STM07) Excellent resistance to Plasticiser migration (STM08)
Toxicity:	Classed as non-toxic and meets stringent legislation of numerous industry standards, including: - CONEG (relating to the protection of the environment) EN71.3 (relating to toys, food packaging, etc.) BS5665 Part111 1995 (relating to toy safety) RoHS – 2002/95/EC (relating to electrical components) The EC Directive on Packaging and Packaging Waste 94/62/EC, the UK Packaging (Essential Requirements) regulations 1998.
Storage:	Foils should not be stored or transported in direct sunlight, and should avoid extremes of heat and humidity, as well as condensation and undue pressure on the roll. Under ideal storage conditions of 5-25°C and 30-60% relative humidity, a storage life of 12 months should be possible.

Data contained in this information sheet is provided as a source of information that we believe to be accurate and reliable but does not constitute a warranty of any kind. Customers should determine to their own satisfaction the suitability of this material for a specific purpose. API reserves the right to change specifications without notice. Please contact the Market Support Team at API Foils for further Technical Information about this product and contact the Customer Service Team for availability details.

API Foils Europe:	
UK	+44 (0) 1506 438 611
France	+33 (0) 169 754 321
Germany	+49 (0) 912 263 040
Italy	+39 (0) 131 233 617
Poland	+48 (0) 222 331 065