



## MC Grade – A hot stamping foil for labels and for use on rotary presses

**APPLICATION:** The high volumes required in many label applications require high speed foiling solutions and MC is ideally suited for these types of applications.

### OVERVIEW

<b>Key features:</b>	The MC grade is a high specification foil that is able to work on a number of different applications. The MC's excellent heat resistance along with its low temperature activation provides a wide operating window and excellent versatility.
<b>*Operating temperatures:</b>	Platen: 80°C -140°C Cylinder: 100°C – 160°C Rotary: 150°C – 230°C  *Dependent on machine type and application parameters.
<b>Substrates:</b>	UV cured inks and coatings Conventional ink printed paper and board. Coated paper and board Acetate laminates Self-adhesive label papers.
<b>Availability:</b>	Available in a limited range of shades. For more information on availability, contact the Customer Service Team at API Foils.

### PROPERTIES

<b>Resistance Properties:</b>	Good resistance to Abrasion in graphics applications (STM05) Excellent resistance to Plasticiser migration (STM08)
<b>Toxicity:</b>	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.
<b>Storage:</b>	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