



## KC Grade – A hot stamping foil for acetate laminates and cartons

**APPLICATION:** The KC grade's heat resistance and low temperature application make it ideal for foiling onto acetate laminate.

### OVERVIEW

<b>Key features:</b>	The KC grade has excellent embossing characteristics making it suitable for foil designs incorporating embossing on acetate laminates and a variety of other substrates. The KC can be used on most types of foiling equipment and has a wide operating window with excellent versatility.
<b>*Operating temperatures:</b>	Platen: 80°C -140°C Cylinder: 100°C – 160°C Rotary: 150°C – 210°C  *Dependent on machine type and application parameters.
<b>Substrates:</b>	Acetate laminates. Coated and printed substrates. Varnished papers and boards. Coated book-binding materials. Self-adhesive labels.
<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.

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