



LS Grade – A hot stamping foil for Water-based Coatings

APPLICATION: The LS grade has a particular strength on water-based coatings where blistering problems are prominent and make it difficult for other foil grades to perform well.

OVERVIEW

Key features:	The LS grade sets the standard for excellent fine detail and the ability to foil stamp onto a range of substrates. Its mid-range release characteristics and unique adhesive gives it a particular strength on water-based coatings where other foil types fail.
*Operating temperatures:	Platen: 95°C -135°C Cylinder: 135°C – 170°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, water-based, conventional and UV.
Availability:	Available in a limited 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) 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.

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