



## AV Grade – A hot stamping foil for the Bookbinding Industry

**APPLICATION:** The AV grade is ideally suited for the book-binding and shoe manufacturing industries.

### OVERVIEW

<b>Key features:</b>	The AV grade is designed for excellent performance on specialist PVC, coated substrates, real and imitation leathers. The AV grade has an easy release system and a heavy adhesive coat which is ideal for large area stamping along with some detail work on coarse, grained and woven surfaces.
<b>*Operating temperatures:</b>	Platen: 100°C -130°C  *Dependent on machine type and application parameters.  The AV grade was designed with platen-action machines in mind. Therefore, we would suggest that customers wishing to use AV in conjunction with cylinder-type machines should contact API's Market Support Team for advice.
<b>Substrates:</b>	Flexible plastic substrates such as PVC, Pyroxylin, Vinyl, along with real and imitation leathers. PVC-coated papers, including Balacron, Discotex, Wintrol and some other plastic-coated papers. Many conventionally coated papers
<b>Availability:</b>	Available in an established range of bright, satin and matt finishes in silver and gold. 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 Water (STM06) Good resistance to Wines & Spirits (STM07) 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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