



## XO Grade – Over-printable metallic hot stamping foil

**APPLICATION:** Metallic foil with excellent over-printability, ideally suited to those applications which demand good adhesion of inks onto metallic foil. (Previously listed as R/D2737 Bright Silver & R/D2818 Champagne Gold).

### OVERVIEW

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| <b>Key features:</b>            | The XO Grade is a medium release foil that gives good large area coverage as well as clean and well defined detail. This foil has excellent over-printability with a surface energy of at least 44 dynes. It is recommended for applications in which foil is over-printed with UV curing or conventionally drying inks, such as those used to create eye-catching and multi-coloured metallic effects. |
| <b>*Operating temperatures:</b> | Platen: 90°C - 130°C<br>Cylinder: 120°C – 160°C<br>Rotary: 170°C – 220°C<br><br>*Dependent on machine type and application parameters.  |
| <b>Substrates:</b>              | Coated and uncoated paper and board.<br>Some filmic label materials   |
| <b>Availability:</b>            | Available in a limited range of shades. For more information on availability, contact the Customer Service Team at API Foils.   |

### PROPERTIES

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| <b>Resistance Properties:</b> | Good resistance to Water (STM06)<br>Good resistance to Wines and Spirits (STM07)<br>Good resistance to Plasticiser migration (STM08)  |
| <b>Toxicity:</b>              | Classed as non-toxic and meets stringent legislation of numerous industry standards, including: -<br>CONEG (relating to the protection of the environment)<br>EN71.3 (relating to toys, food packaging, etc.)<br>BS5665 Part111 1995 (relating to toy safety)<br>RoHS – 2002/95/EC (relating to electrical components)<br>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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