

TECHNICAL DATA SHEET

HOT TRANSFER PRODUCT

METALLIC

UB Grade

A general purpose metallic hot stamping transfer product for graphics applications

Overview	UB is a versatile, general purpose metallic transfer product with improved characteristics for the graphics market.
Key features	The UB grade is an easy release metallic transfer product that combines good area coverage and clean fine detail. It gives a crisp finish to stamped images, has excellent adhesion to a wide range of substrates and very good gloss. UB also has a lower activation temperature than most products providing the key benefit of a wide operating window.
Key specifications for hot stamping	Designed for use on a wide range of hot stamping machines, with typical operating temperatures: Vertical, platen and clam-shell machines: 80°C - 140°C Cylinder machines: 120°C - 160°C Rotary machines: 150°C - 220°C The optimum stamping temperature is dependent upon machine type and other application parameters, and the customer should determine to their own satisfaction the suitability of the foil application and press setup.
Substrates	Coated and some uncoated papers and boards and a range of paper and filmic label stocks. Conventional, UV and water-based inks and coatings. Some semi-rigid plastic materials.
Availability	For information on availability, contact the Customer Service Team at API Transfer Technologies.
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.
Typical market sectors	<ul style="list-style-type: none"> • Packaging for the food and cosmetic industry • Greeting cards • Flexible plastics • Book covers • Labels • General hot stamping applications

Data contained in this information sheet is provided as a source of information that we believe to be accurate and reliable at time of writing 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 Transfer Technologies reserves the right to change specifications without notice. Please contact the Customer Service Team at API Transfer Technologies for further information and availability details. Samples are available from us upon request. If you need assistance, we will be happy to provide advice and support.