

TECHNICAL DATA SHEET

HOT TRANSFER PRODUCT

DIGITAL

BB Grade

Easy release transfer product with excellent versatility, optimised for Doming / Braille

Overview	BB Grade is an easy release transfer product with excellent versatility across a range of substrates.
Key features	Combines good fine detail characteristics with excellent medium area coverage. Also gives good larger area coverage on coated substrates. The product shows high brilliance, and is suitable for use on platen, cylinder and rotary presses. Classed as non-toxic and meets stringent legislation of numerous national industry standards. Good Water resistance. Good Tape resistance. Good Alcohol resistance. Good resistance to Plasticiser migration.
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: 90°C - 130°C Cylinder machines: 150°C Rotary machines: 150°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. Optimised also for use on Digital Printing Machines equipped with varnish jetting and foiling unit, such as Scodix and MGI but also Sakurai.
Substrates	UV resin substrates applied on paper, carton, plastic.
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, tobacco and cosmetic industry • Greeting cards • Business Cards • Braille • Digital Embellishment • Book covers • Labels • General hot stamping applications • Posters • Folders • Metallic Doming

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