TECHNICAL DATA SHEET
HOT TRANSFER PRODUCT
METALLIC

TDS-MV-Plus v1
Issued July 2024

MV-Plus Grade

A general purpose metallic hot stamping transfer product for graphics applications

Overview	MV-Plus is a versatile, general purpose metallic transfer product, well-established in the hot stamping market.
Key features	The MV-Plus grade is an easy release metallic transfer product that shows good versatility across a range of substrates. It combines good fine detail characteristics with excellent medium area coverage, and on coated substrates can give larger area coverage. It has good gloss and can be run on many different machines.
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: 130°C – 160°C Rotary machines: 170°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	• Wines & Spirits • Cosmetics & Perfumery • Food & Confectionery • Personal Care • FMCG

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