TECHNICAL DATA SHEET
HOT TRANSFER PRODUCT
METALLIC

TDS-MX v1
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MX Grade

Universal hot stamping transfer product for fine to medium detailed stamping designs

Overview	MX is a universal metallic transfer product for fine to medium detailed stamping designs, well-established in the hot stamping market.
Key features	The MX grade is ideal for fine to medium definitions, offering exceptional performance with high stamping speeds and a high-gloss finish. It is known for its excellent abrasion and scratch resistance, making it a durable and reliable choice. Additionally, MX is highly versatile and compatible with nearly all machine types in the graphic industry.
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 - 140°C Cylinder machines: 155°C - 175°C Rotary machines: 210°C - 245°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	Plain paper and board, printed paper and board, dry paper, primer paper, rough surface paper, PET laminated papers, coated and mat paper.
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	• Labels • Regular packaging like cosmetic cartons • Confectionary packaging • Wine and spirit boxes • Greeting cards • Advertising materials and other graphic materials • Tubes

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