TECHNICAL DATA SHEET
HOT TRANSFER PRODUCT
METALLIC

TDS-ZR v1
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ZR Grade

Speciality metallic hot stamping transfer product with laser printer resistance

Overview	The ZR grade is recommended for use in applications which require resistance to laser printers.
Key features	ZR has good heat resistance and can withstand the heat of most laser printers, making it ideal for use on applications such as letterheads. It has medium release characteristics and can stamp designs from fine detail to medium solid coverage.
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: 100°C - 130°C Cylinder machines: 150°C - 180°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 papers and boards and self-adhesive label papers. Conventional and UV cured inks and coatings.
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	• Letterheads • Presentation folders and collaterals • Greeting cards • One-to-one and direct marketing • Labels • General hot stamping applications • Wine and spirit boxes

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