TECHNICAL DATA SHEET
HOT TRANSFER PRODUCT
DIGITAL

TDS-JD v1
Issued January 2025

JD Grade

Transfer product for digital printing machines with varnish jetting and foiling unit

Overview	JD grade is a digital enhancement transfer product for digitally printed varnishes.
Key features	Suitable for digital printing application with excellent adhesion. High brightness with good smoothness property after stamping. Suitable for solid and finest details, stamping sharp edges. Strong 3D effect. Different varnish thicknesses possible.
Key specifications for hot stamping	Designed for use on Digital Printing Machines equipped with varnish jetting and foiling unit, such Scodix and MGI. 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	Applying those varnishes recommended by machine manufacturer for digital printing application. Different thicknesses can be chosen to achieve different stamping effect. Surface tension of substrate above 36 Dyne is recommended.
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 • Flexible plastics • Business cards and collaterals • General hot stamping applications • Book-covers • General packaging applications (cosmetics, cigarettes, food and confectionary) • Wine and spirit boxes • Posters

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