

TECHNICAL DATA SHEET

HOT TRANSFER PRODUCT

METALLIC

OXN Grade

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

Overview	OXN is a universal metallic transfer product for fine to medium detailed stamping designs, well-established in the hot stamping market.
Key features	The OXN grade is designed for fine to medium definitions, delivering outstanding results with high stamping speeds and a high-gloss finish. It offers excellent abrasion and scratch resistance, ensuring durability and quality. OXN is suitable for a wide range of materials, including various types of paper, printed and lacquered substrates, and OPP laminates. It is also highly versatile, working seamlessly 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 - 145°C Cylinder machines: 130°C - 165°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, coated and mat paper, lacquered substrates, OPP laminates.
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">• Labels (sheetfed and rotary)• General packaging applications (cosmetics, cigarettes, food and confectionary)

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