**Hot Stamping Process**

Vertical Stamping

During the up-and-down stamping process the foil is transferred to the substrate by means of a heated metal or silicone die with an intermittent up-and-down movement. The shape of the die determines the shape of the stamping.

Roll-on Process

The heated hot stamping wheel activates the release and adhesive layers during the stamping or transfer process. The hot stamping foil is pressed permanently onto the substrate in a continuous roll-on movement. The polyester carrier is peeled off after cooling.

**Fields of expertise**

Baier GmbH & Co. KG, www.baier-praegertechnik.de
BUNZ DESIGN GmbH, www.bunz-design.com
Hinderer + Hofer GmbH & Co. KG, www.hindererhofer.de
ISIMAT GmbH, www.isimat.de
KURZ Digital Solutions GmbH & Co. KG, www.kurzdigital.com
OVD Kinegram AG, www.kinegram.com
Polig GmbH & Co. KG, www.polig.com
Scheidt & Bachmann, www.scheidt-bachmann.de
Steinemann SPE AG, www.steinemann.com/de/service/design

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Charlotte/Los Angeles/Chicago/Lexington/New York
KURZ TRANSFER PRODUCTS, L.P. (KTP)
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China
Hefei/Beijing/Chongqing/Wuhan/Shanghai/Shenzhen
KURZ STAMPING TECHNOLOGY (HEFEI) Co., Ltd.
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Sales subsidiaries with logistic centers

Brazil/São Paulo, KURZ do BRASIL, www.kurz.com.br
Canada/Toronto, KURZ TRANSFER PRODUCTS, L.P. www.kurzusa.com

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Hong Kong, KURZ Hong Kong Ltd., www.kurz.com.cn
Hungary/Budapest, LEONHARD KURZ South-East Europe Kft., www.kurz.hu
India/New Delhi/Chennai/Calcutta/Mumbai, KURZ INDIA PVT. LTD., www.kurzindia.com
Indonesia/Djakarta, LEONHARD KURZ INDONESIA, www.kurz.co.id
Japan/Dalian/Tokyo, KURZ JAPAN LTD., www.kurz-japan.com
Norway/Oslo/Amsterdam, KURZ NORWAY AS, www.kurz.no
Switzerland/Waldshut, KURZ PRÄGEFOLIEN AG, www.kurz.com
Tunisia/Tunis, KURZ TRANSFER PRODUCTS, L.P., www.kurzusa.com
Thailand/Bangkok, KURZ (THAILAND) Ltd., www.kurz.co.th
UK/Stevenage, KURZ UK LTD., www.kurz.co.uk

**Fields of expertise**

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Hinderer + Hofer GmbH & Co. KG, www.hindererhofer.de
ISIMAT GmbH, www.isimat.de
KURZ Digital Solutions GmbH & Co. KG, www.kurzdigital.com
OVD Kinegram AG, www.kinegram.com
POLIG GmbH & Co. KG, www.polig.com
Scheidt & Bachmann, www.scheidt-bachmann.de
Steinemann SPE AG, www.steinemann.com/de/service/design
The Structure of Hot Stamping Foil

Hot stamping foil is made up of a polyester carrier, a number of lacquer layers and an adhesive sizing. During stamping a heated stamping wheel or engraved stamping die activates the very thin lacquer layers by means of heat and pressure. This causes the lacquer layers to bond permanently with the substrate of plastic, paper or thermal paper. The polyester carrier is then peeled off.

Growth through Innovation and Competency

KURZ the international market leader in stamping technology. With over 5,000 employees located in 14 production plants, 24 subsidiaries and agencies worldwide, KURZ sells a high-quality product range for the surface finishing, decoration and stamping machine technology industries. Our high stamping foil standards, state-of-the-art application technology and decades of project experience provide the perfect basis for innovative hot stamping technology.

KURZ has been actively shaping the development of the hot stamping process ever since the company was founded. Whether for labeling, decoration or finishing, you will find hot stamping foils everywhere – on packaging, electronic devices, household appliances, cosmetic articles and magnetic cards, textiles, furniture and vehicle parts.