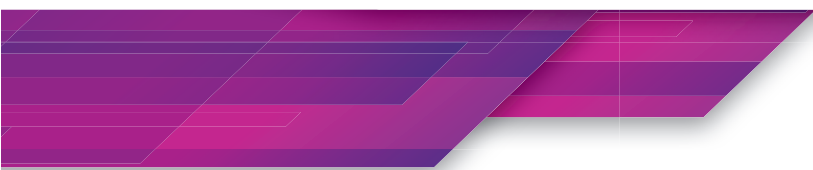


Heat transfer

The fast and direct way to colorful design diversity



Design fun and time savings



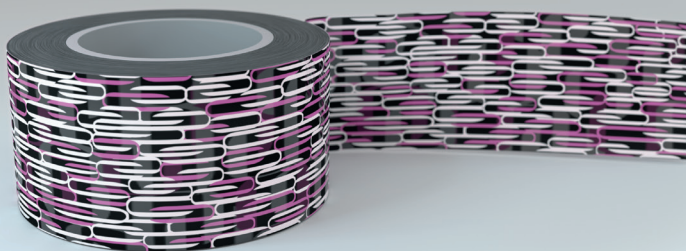
Vibrant accents for your products

KURZ heat transfer is the perfect symbiosis of durable hot stamping and high-quality multi-color printing. For efficient decoration of your plastic parts, we offer you hot stamping foils with your custom design, which are applied in a stroke or roll-on process. With our unique combination of full- and half-tone colors, we achieve stunning effects for vibrant product designs: whether matte, glossy, metallic, small or large-scale, semi-transparent, or with haptic elements, there are no limits to creative possibilities, and the process is highly cost-effective. In addition to abrasion resistance, our films also impress with their special chemical resistance.

Application processes

Heat transfer gives freedom in terms of applications:

- **Roller embossing** - decoration of flat to slightly curved 2D parts by means of a heated stamp wheel
- **Peripheral unwinding** - decoration even of cylindrical and conical parts by means of silicone dies
- **Vertical stamping** - clocked decoration of flat to slightly 2D-shaped parts by means of embossing dies



Highly efficient hot stamping off the roll: finished multicolored single images



Watch the clips!
Take a look at process animations here.



www.plastic-decoration.com

Benefit from:

- ✓ Multicolored designs with partial or full metallization
- ✓ Quick and simple design changes
- ✓ High register accuracy and precise edge definition
- ✓ Efficient decoration in small and large series
- ✓ Economic inline process without drying times
- ✓ Optimal adhesion properties
- ✓ Solvent-free processing
- ✓ Excellent physical and chemical resistance

The perfect decoration for every requirement

Whether large or small print runs, bulk printing, finest details, or special metallic effects - you want an extraordinary product design that you can realize quickly, directly, and extremely efficiently according to your ideas. We can provide your design in the right print quality for your specific requirement. Whether gravure printing, silk-screen printing, or digital printing -we are happy to advise you!



	Gravure quality	Silk-screen quality	Digital print quality
Application benefits	<ul style="list-style-type: none"> · Exact representation of corporate design colors · Large print runs · Serial motif arrangement · Finest color gradients · Metallic and pearl effects 	<ul style="list-style-type: none"> · Saturated, opaque colors with high opacity · Ultra-fine lines 	<ul style="list-style-type: none"> · Small print runs · Quick and flexible · Brilliant photorealistic motifs · Serial motif arrangement · Bar and QR codes, numbering
Substrates	ABS, HDPE, PC, PE, PET, PETG, PMMA, POM, PP, PS, PVC, SAN, PA, PLA	ABS, HDPE, PC, PE, PET, PMMA, POM, PP, PS, PVC, SAN	ABS, HDPE, PC, PE, PET, PETG, PMMA, PP, PS, PVC, SAN
Resolution	> 300 dpi	≤ 130 dpi	≤ 300 dpi
Design	Single-image, continuous, and seamless designs	Single-image	Single-image
Colors	<ul style="list-style-type: none"> · 4-color process and full-tone colors · Up to 9 colors in inline printing · Full- and halftone colors possible 	<ul style="list-style-type: none"> · Full-tone colors · Up to 3 colors in inline printing · Up to 6 full- or halftone colors 	<ul style="list-style-type: none"> · 4-color process and white · Halftone colors
Metallization	Full surface and partial	Full surface and partial	
Print run	from 2,000 – 3,000 m ²	300 – 2,000 m ²	100 – 2,000 m ²

KURZ worldwide

The KURZ Group is an international leader in thin-film technology and supplies products for surface finishing and decoration. With over 5,000 employees at more than 30 sites worldwide, KURZ has an international presence and manufactures under uniform quality and environmental standards in Europe, Asia and the USA. Thanks to KURZ's many years of experience and the constant expansion of our portfolio, we can offer our customers a wide range of products — and all from one source. A global network of subsidiaries, representatives and sales offices ensures short paths and individual, on-site consulting.

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Fields of expertise

KURZ is always investing in new technologies. The KURZ subsidiaries develop innovative solutions for functional integrations into surfaces as well as products for labeling and counterfeit protection along with the corresponding software. A comprehensive range of stamping presses and stamping tools rounds off the versatile KURZ product portfolio. Furthermore, the KURZ subsidiaries use their expertise to provide future-oriented, custom-made complete solutions including project consultancy and machine and tool technology.

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