



Reliable application

Labels and thermal transfer ribbons

Logopak – Your solution provider. /// www.logopak.com





Thermal transfer films

Blank labels

Special labels

Label diversity with top quality.

Logopak systems are the reliable link between product packaging and logistics. We produce labels in our own production facilities for use in our proven labelling and printing systems, and we supply matching thermal transfer ribbons. Our broad selection of diverse materials (paper and plastic) and adhesives enables a wide variety of material combinations. That yields optimal results for every application scenario.

Research and development

At our development centre in Hartenholm (near Hamburg), our experts are constantly researching ways to improve our products. That results in innovative smart labels and solutions with especially low environmental impact, such as liner-free labels. If necessary we can also develop labels or solutions tailored to your specific requirements.

Optimised interaction

Another plus point is that Logopak labels and thermal transfer ribbons are matched to our systems and optimised for them. By using Logopak labels, you can extend maintenance intervals, reduce wear and increase overall lifetime.

Available worldwide

Logopak quality products are available everywhere in the world. You can order them directly from us or from one of our local distributors.

Tailored solutions for a wide variety of sectors

Selecting the right label material is crucial for long-term legibility of product markings. The lifetime of shipping labels is typically only a few days, but the legibility of parts marking must often be assured for many years despite high stress in some cases. Our range therefore encompasses numerous solutions, from simple paper labels to GHS or BS 5609 certified plastic labels, with a variety of adhesives and label formats up to DIN A3.

Sector diversity: Industrial users rely on labelling systems from Logopak together with their own label material. We have already developed precisely tailored solutions for the following sectors:

- » Automobile
- » Construction
- » Chemical
- » Beverage
- » Merchandising
- » Timber
- » Cosmetics
- » Logistics
- » Mechanical engineering
- » Medical and pharmaceutical
- » Food
- » Paper manufacturing
- » Tools

Application diversity: Our labels encounter many different surfaces and requirements in an extremely wide variety of applications. Using the appropriate application method, the following products and materials (among others) can be marked:

- » Rough surfaces (wood, concrete, etc.)
- » Direct pallet base marking
- » Salt water resistant marking compliant with BS 5609
- » Fragile items (glass, porcelain, etc.)
- » Curved surfaces (concave, convex)
- » Non-polar surfaces
- » Damp, oily or slightly greasy surfaces
- » Smooth metal or plastic surfaces
- » In direct contact with food



Labels

Whether paper or plastic, standard or special: we choose the right material combination for your labels. We use exclusively FSC certified paper sorts.

Blank labels

Standard blank paper labels from super-calendered, lignin-free paper and many other materials are available.

- » Printing using the thermal transfer method or direct thermal method
- » Outstanding printing resolution up to 300 dpi
- » Excellent adhesion, even at low temperatures
- » Suitable for direct contact with dry, non-greasy foods



Preprinted labels

High-grade preprinted and partially printed labels give products and companies an unmistakable identity. We print and supply labels exactly according to customer layout and specifications.

- » Perfectly matched to your labelling solution and production environment
- » Easy overprinting of batch numbers, barcodes and product data

Special labels

Special labels are ideal for marking goods and products whose labels are exposed to unusual stresses.

- » Labels resistant to oil, grease and acids
- » Label material for especially long life and resistance
- » Signal colours and modified adhesives



Decorative labels

Especially high-quality labels finished with special effects. Labels printed with gold, silver or other special inks or embossed labels give your products a unique and exclusive appearance.

- » Can be produced and supplied in small lots
- » Short delivery times
- » Easy post-printing of batch numbers, barcodes and product data

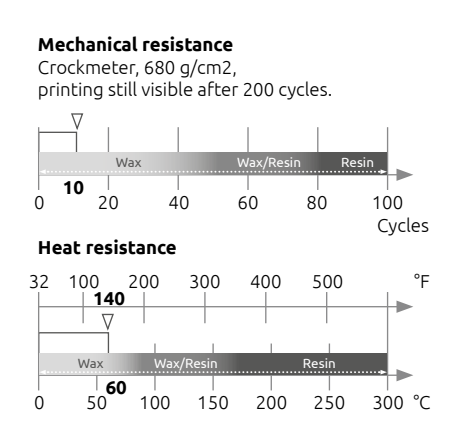
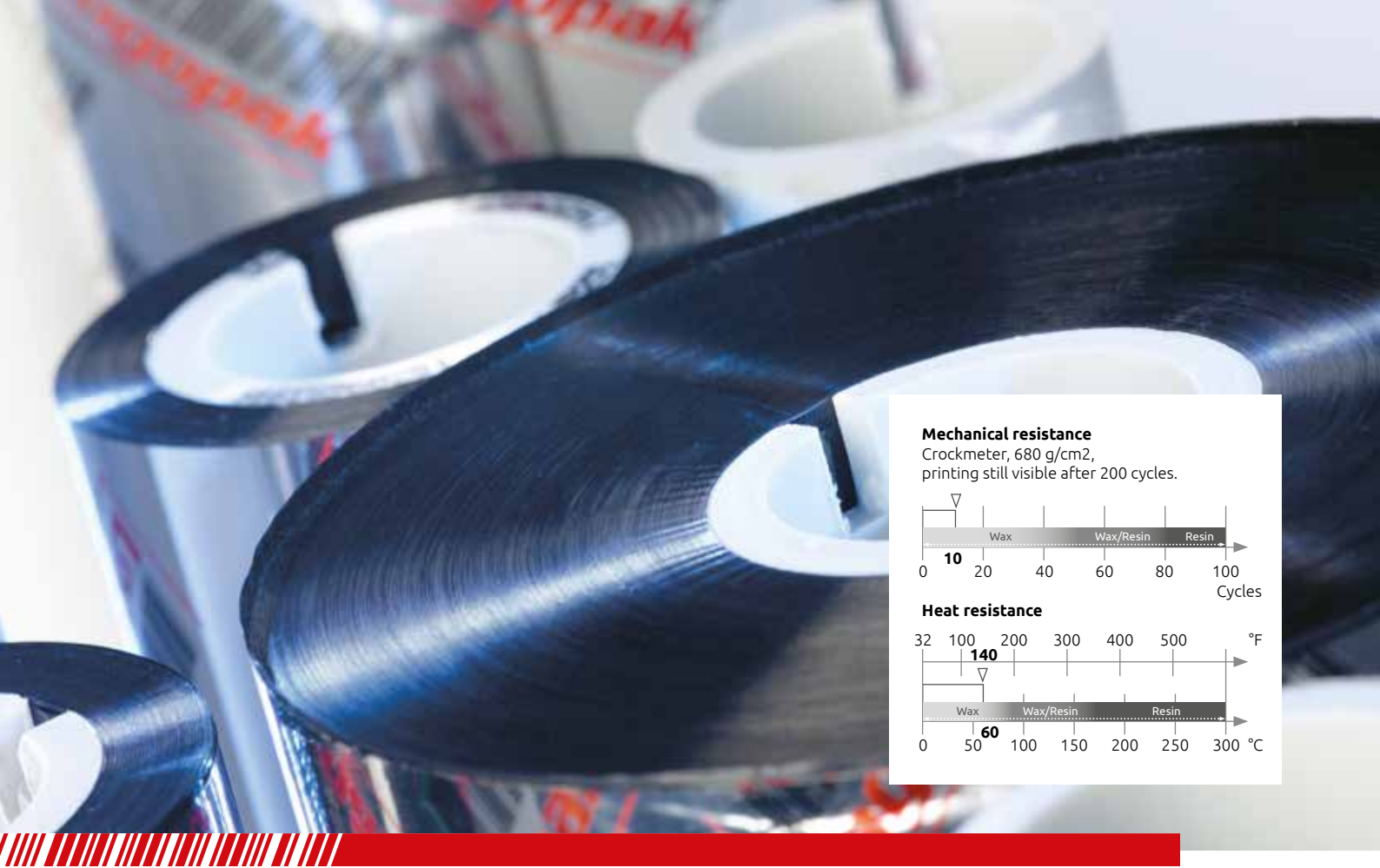


RFID technology

Automatic localisation and product identification

Smart labels are ultra-thin radio frequency identification (RFID) transponders, consisting of a chip with integrated processor and memory attached to a film together with an antenna. They enable non-visual identification in the warehouse, thereby optimising operating processes and providing reliable tracking in logistics.

- » Easily integrated into conventional labels
- » RFID transponders compliant with the EPC standard
- » Available in all commonly used frequency bands



Thermal transfer ribbons

For paper or plastic labels, simple shipping labels or nameplates with high performance requirements: our thermal transfer ribbons ensure smudge- and scratch-proof printing in every application scenario. To ensure the environmental compatibility of our products, we carefully choose the ingredients and avoid the use of solvents. For specific applications, Logopak transfer ribbons certified for contact with food in accordance with EU Directive 1935/2004/EC and LFGB are also available.

Wax

Wax-based ribbons are the most economical ribbon grade and are specifically designed for low-energy printing on paper labels. They are ideal for applications with moderate requirements for long-term legibility, such as shipping labels. These thermal transfer ribbons also deliver outstanding results on rough paper surfaces.

Wax/Resin

Wax/resin composite ribbons are typically used for printing on plastic labels with moderate printing energy. They enable crisp printing with fine detail on coated paper and plastic surfaces. Increasing the resin content results in higher smudge and scratch resistance compared to conventional wax ribbons.

Resin

Resin ribbons are used for high-energy printing on plastic labels. They produce especially smudge-proof and extremely scratch-proof printing with good resistance to petrol, alcohol and some solvents. On smooth plastic surfaces they provide sharply contoured printing with outstanding opacity and durability.

Liner-free labelling

- » Waste-free operation without liner disposal
- » Run times 70 to 100 % longer thanks to more linear metres with the same label roll size (length up to 2,400 m)
- » Higher flexibility, efficiency and durability
- » Higher printing and processing speed for high-quality labels
- » Ideal for pallets, cartons or small package labelling, even around corners
- » Extremely strong adhesion on many different surfaces
- » Seamless, continuous label strips with application-specific label thickness and no format restrictions
- » Pallet demand cut in half, reducing logistics effort for procurement and resupply

In a scenario with a requirement for about 15 million individual labels in DIN A6 format, the cost savings and reduced environmental impact are impressive:

CO₂ reduction: 14,504 kg

Waste avoidance: 13,946 kg





Overview of Logopak solutions



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