

A New Generation of Folder-Gluer Belts

The industry must produce the cardboard and paper packaging very efficiently to remain competitive. The choice of the right and most reliable folder-gluer belt plays a crucial role to produce a high folding quality.

Packaging and packages belong to our daily life. Cardboard and paper remain two of the most popular packaging materials. More and more frequently they replace plastics with respect for the environment. Without feeder and folder-gluer belts the manufacturing processes would be impossible. The belts have to meet high requirements, because the modern machines operate far quicker today than in the past. Habasit comprehensively upgraded and enlarged the range of the folder-gluer belts.

POLYAMIDE FOLDER-GLUER BELTS WITH HABIDUR® COVERS

The new Polyamide folder-gluer belts with Habidur® covers are tailored for folder-gluer applications. They provide high durability, good positive grip and can cope with very high operational speeds, reversed bendings and small pulley diameters.

The traction layer and its components were re-engineered to provide robustness and outstanding reversed bending properties. They are green and dark green in color.

The combination of these changes result in the upgraded polyamide folder-gluer belts S-10/30D, S-10/40D and S-18/60D. They feature unparalleled performance, reliability and durability at high speed.



Habasit Habidur® folder-gluer belts cope well with reversed bendings.

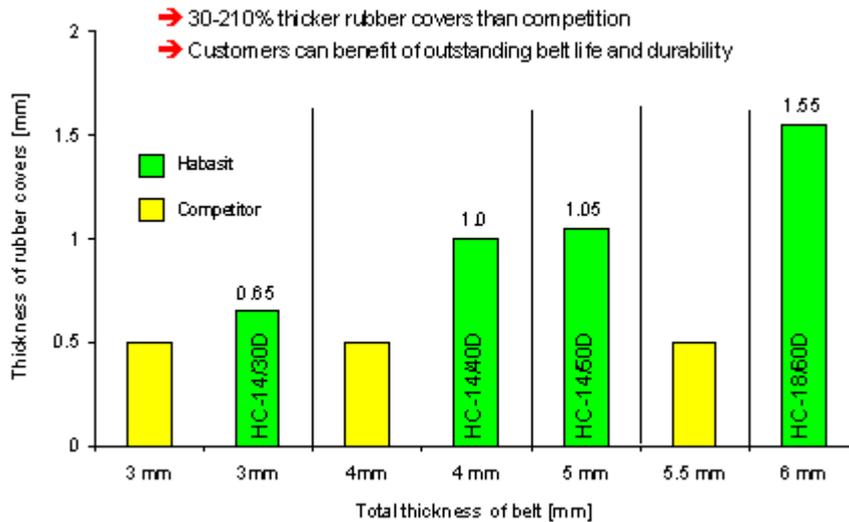
POLYESTER FOLDER-GLUER BELTS WITH HABIDUR® COVERS

Folder-gluer belts traditionally consist of a polyamide traction layer, rubber covers and are joined endless with glue. But the joining can consume too much time, in particular if a lot of the machine has to be disassembled. Habasit's "Flexproof" adhesive-free method, however, conjoins quickly and reliably the belts – even by untrained personnel. Throughout the joining process, the belt remains on the machine.

The polyester folder-gluer belts HC-14/30D, HC-14/40D, HC-14/50D and HC-18/60D have a traction layer of one PET fabric, which is embedded between two thermoplastic foils. This ensures flexibility and robustness. The joint zone and belt are entirely homogeneous. They are covered with the same Habidur® layers as the polyamide folder-gluer belts.

These HC-types offer the thickest rubber covers in their belt class. Other manufactures have thin rubber covers applied on thick TPU layers. As soon as their rubber is worn off, these belts dramatically lose grip and performance.

Habasit polyester folder-gluer belts feature the thickest rubber covers in their class



The HC-18/60D is currently the only rubber-covered thermoplastic belt which is available with a 6 mm thickness. The polyester folder-gluer belts HC-14/30D, HC-14/40D, HC-14/50D and HC-18/60D offer the same advantages as the polyamide types with Habidur® covers. Additionally, they are easy to fit and guarantee "best in class performance".

DIMENSIONAL STABILITY

Both the polyamide (S-types) and polyester (HC-types) folder-gluer belts are dimensionally stable even if they are intermittently overloaded. A re-tension is not required. This saves costs and simplifies the maintenance procedures.

TO BE BRIEF

Habasit offers the most comprehensive folder-gluer belt range with the new polyamide belts S-10/30D, S-10/40D and S-18/60D and polyester belts HC-14/30D, HC-14/40D, HC-14/50D and HC-18/60D. The most significant advantages of the new products are the improved quality of the rubber covers, the excellent resistance of covers to cut propagation, the good abrasion resistance, the high and constant grip over lifetime, the no glazing out and the optimized traction layers which combine flexibility and robustness. All these features guarantee long belt life, reliability, high folding quality and outstanding machine performance.



Habasit Habidur® folder-gluer belts in a high speed application.

ONE-STOP SHOPPING

Habasit's range of belts provide effective, industry-specific solutions across all markets.

For example the 'Grabber[®]' feeder belts with their numerous substrates and covers ensure a high performance and reliable feeding process, whilst the company's range of polyurethane, PVC or rubber covered conveyor belts successfully meet even the most varied and demanding requirements of the delivery- and stacking sectors. Additionally HabasitLINK plastic modular belts are particularly suitable for conveyor lines. Customers using the one-stop shopping at Habasit profit by a comprehensive range of market leading products and services.

FACT BOX

- 'Grabber[®]' feeder belts is a registered trademark of Habasit.
- **S-10/30D**, **S-10/40D** and **S-18/60D** are 'Habidur[®]' polyamide folder-gluer belts manufactured by Habasit.
- **HC-14/30D**, **HC-14/40D**, **HC-14/50D** and **HC-18/60D** are 'Habidur[®]' folder-gluer belts with traction layers made of PET fabric and allow adhesive-free joints. Belts are made by Habasit.

ABOUT HABASIT

Habasit, headquartered in Switzerland, is the world-wide leading company in the belting business for the textile, wood, paper, food, airports and automotive industries. The range of products includes fabric based belts, plastic modular belts and power transmission belts. In 26 affiliated companies, in more than 70 countries, more than 2200 employees offer the customers products in high standard of quality, tailor-made solutions from A to Z and competent services. Habasit is a shareholder company and was founded in 1946. 2004 the turnover was SFr. 450.- Millions and the sales to the market 4,5 Mio. m².