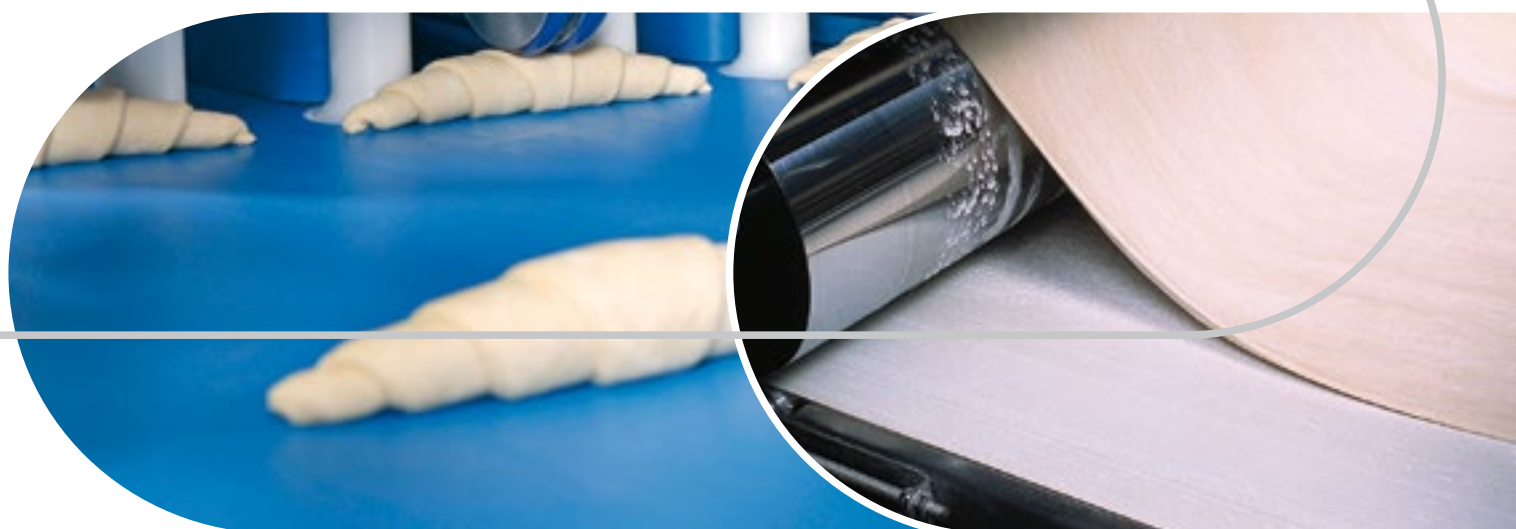


Habasit Premium TPU Food Belts



The hard-working belts of food and packaging industries

Habasit TPU-coated fabric belts are widely used in food processing and packaging industries due to their versatile properties. Characterized by high abrasion resistance, the compound helps to keep the belt surface smooth and easy to clean for longer. This also results in the belt maintaining very good release properties over lifetime. TPU belts are suitable for operation in a wide range of temperatures and remain flexible in cold conditions. They do not influence taste, which makes them especially liked by the food industry.

Developing the new Habasit Premium range of TPU Food Belts our engineers focused on the biggest challenges food processors and packaging professionals encounter. From product recalls caused by contamination with foreign bodies to cost control and process automation – the two dominating topics for the industry today are food safety and operational efficiency.

Food processing challenges

Working towards reduced Total Cost of Ownership

Cost effective operations depend on striking the right balance of product output and yield, and an uninterrupted running of the line. Unplanned downtime due to belt failure, extended cleaning time caused by belt damage or frequent machine stops for belt replacements have a substantial impact on overall productivity.

Designed for enhanced hygiene performance

Food safety remains the key concern for food processing and packaging industry. Recalls due to foreign body or bacterial contamination are costly, damaging the reputation and trust of consumers in brands. The industry puts a high priority on adequate hygiene protocols and invests in solutions which prevent unnecessary incidents impacting food safety.

Habasit Premium TPU Food Belts offer improved cost of ownership and enhanced food safety addressing the challenges arising from the demands of production environment.








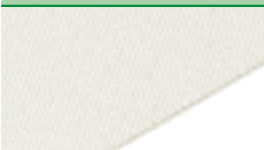


| Challenge | Habasit Premium TPU performance | |
|---|--|--|
| | Improved Operational Efficiency | Better Food Safety |
| Continued operation at elevated temperatures | <ul style="list-style-type: none"> Suitable for continuous operations at belt temperatures up to 110°C/230°F. Lower risk of joint damage and extended belt lifetime result in fewer stops for belt replacement | <ul style="list-style-type: none"> No delamination caused by high operating temperatures Suitable for cleaning with steam – reduced belt ageing caused by high temperatures |
| Reducing the risk of foreign object contamination | <ul style="list-style-type: none"> Frayless fabric eliminates the need of edge sealing to reduce belt edge damage | <ul style="list-style-type: none"> Combination of spun fabrics and knitwear limits the risk of long fibers tearing, which could get into the product |
| Moist and oily production environment impacting belt performance | <ul style="list-style-type: none"> Increased resistance to hydrolysis and stable chemical resistance reduce the belt degradation caused by water and influence of frequent cleaning | <ul style="list-style-type: none"> Innovative impregnation prevents the ingress of water and oils into the belt fabric improving hygiene and inhibiting microbial and biofilm growth which could cause food safety risk |
| Avoiding product waste and improving yield | <ul style="list-style-type: none"> With good release properties the loss of product leading to yield waste is limited Through combination of longitudinal flexibility and lateral stiffness the belts are designed for tight transfer (nosebar suitable) of small or fragile goods | <ul style="list-style-type: none"> Reduction in food residue on the belt resulting from release improves food safety preventing microbial growth |

Habasit Premium TPU range

Habasit Premium TPU range

The new TPU Food Belt range includes as first package 8 two-ply designs in four surface structures, which give an added flexibility to food and packaging processors to select the best suited belts for the application requirements.

| Belt | Features | |
|---|---------------|--|
| Smooth – matt | | |
|  | FNB-5EZWH-P1 | <ul style="list-style-type: none"> • good mechanical resistance • excellent performance in frequently cleaned areas • suitable for lines equipped with food scrapers • good product release • suitable for high-speed operations |
|  | FNB-5EZCH-P1 | |
| Smooth – glossy | | |
|  | FAB-5EZWH-P1 | <ul style="list-style-type: none"> • good mechanical resistance • excellent performance in frequently cleaned areas • suitable for lines equipped with food scrapers • good product adherence • suitable for incline and decline conveying • improves precise positioning of dry or semi-dry product |
|  | FAB-5EZCH-P1 | |
| Structured | | |
|  | FMW-6EZWH-P1 | <ul style="list-style-type: none"> • good grip and release properties • recommended for incline and decline conveying • prevents vacuum effect |
|  | FMW-6EZCH-P1 | |
| Impregnated | | |
|  | FNI-5EIWH-P1* | <ul style="list-style-type: none"> • low coefficient of friction, good push-off • recommended for product accumulation • ideal for applications requiring precise positioning of product |
| Open Fabric | | |
|  | FNT-5MRWH-P1* | <ul style="list-style-type: none"> • good dough release • recommended for dry, moist and oily environment • prevents product damage in raw state |

* to serve target applications best this belt does not feature frayless fabrics and low-wicking impregnation

Solutions in motion



Comprehensive consulting and technical support

Profit from the best consulting and technical support in the lightweight belting industry. Local experts are always available to assist you with your belting needs. The Habasit team is proud to provide the highest level of support, together with top-quality products that have led the global market for decades.



Belt selection and calculation assistance

We are always glad to help you select the most suitable belt for any application for your convenience. We now also provide the free online tool 'SeleCalc' which allows you to easily make selections and calculations yourself. Simply register online at selecalc.habasit.com.



Fabrication, assembly and local installation services

As a full-service belting provider, we offer joining and assembly services either at our own locations or directly on your equipment.



Habasit has over 30 affiliates worldwide, each with its own inventory, fabrication, assembly and service facilities.

Together with representative offices and numerous qualified distributors, we can react quickly and efficiently to meet all your needs.



Customer training programs

To ensure the optimal performance and maximum lifespan of all our products, we offer training programs and various support tools. This includes proper procedures for fabrication, installation, assembly, maintenance and belt repair, all of which take place at a Habasit site or at your location.



Belt monitoring, inspections, analyses and process optimization proposals

We organize and handle belt maintenance, inspections, analyses and surveys at customers' sites. Upon request, we are ready to develop optimization proposals to ensure you're getting maximum value from your machinery and process output.



Design assistance for customized solutions

Habasit believes in building partnerships with our customers. Our engineering team will work closely with your engineers on joint design developments from initial design to final implementation. This expert service can be invaluable for projects involving new technologies or large-scale modifications and adaptations.

Information provided herein does not constitute legal representations or warranties and may change without notice. Please refer to the specifications/disclaimers provided in the respective product data sheets.

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