



**INDUSTRIE  
TESSILI  
BRESCIANE**

**INDUSTRIAL**

Seamless Felt Belts

# INDUSTRIAL



The **ITB Industrial Division** is central to the technology research programme which has led the Company to develop a number of new products with innovative characteristics and features for various industries and applications.

## **Belts for the Cardboard Industry**

High tensile strength belts for use on single facers: these belts can be run at incredibly high speeds and still track perfectly, with almost no sideways movement. Their treated surface prevents the adhesives used in the process from sticking to the belt.

## **Belts for the Leather Industry**

Endless needed belts for leather ironers with precisely ground surface to guarantee an easy handling of the hides. Silicone coated pressure belts for laminating, impregnating, finishing, dyeing and lacquering machines. Very thin but mechanically strong, these belts offer a firm grip of as well as an easy release of the processed leather and will not be damaged by solvents.

## **Alubelts**

Temperature-resistant conveyor belts for the cooling tables of aluminium extrusions. The felted surface will not scratch the sensitive surface of the extrusions, and the chemically-treated inner belt surface will not slip on the rollers. Different styles available for the lower-temperature positions of the cooling table.

## **Spiral Mesh Belts for the Abrasive and Sandpaper Industry**

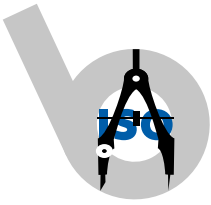
Coated spiral mesh belts that ensure a precise distribution of the abrasive material on the paper substrate. The result of a partnership with another company of the Heimbach Group, these belts have been key to solving technical issues that end users had been wrestling with for years.

## **Belts for the Flooring Industry**

Silicone coated belts with a high resistance to pressure and excellent resilience for the production of linoleum flooring panels. A real improvement over traditional woven belts that leave imprints on the panels.

## **Belts for the Rubber Industry**

The endlessly woven base fabric with exceptional tensile strength and low elastic modulus of these coated belts allows them to be used instead of heavy and dangerous razor-edged steel belts on rubber vulcanizing calenders (rotocures). An additional benefit is that their smooth coated surface leaves no marks on solidifying rubber compounds.



## QUALITY STANDARDS

To ensure that only top quality felt belts leave our premises, **ITB** operates a Quality Management System which conforms to the most recent ISO Standards and that avails itself of state-of-the-art laboratory equipment.

All raw materials undergo rigorous controls before being approved for production and then transformed into the finest products, whose mechanical properties are checked with sophisticated instruments that can test even the thickest of belts.



## RESEARCH & DEVELOPMENT

In-house research on new products or new applications for existing products is conducted by a team of experienced and innovative engineers who not only have a comprehensive knowledge of belt systems, but who can also devise novel ways of solving customers' unique and specific problems.

Innovation is key to survival in today's marketplace and to face this challenging task **ITB** can count on the highly sophisticated research centres of the Heimbach Group to which it belongs.



## CUSTOMER SUPPORT

Nearly 100 years of activity have contributed to build up an enormous amount of technical knowledge and competence at **ITB**.

We gladly share this expertise with our customers, agents and distributors alike so that belt types and specifications are selected to best suit any application for any industry.

Our Service Team is available to guide customers on how to install, operate and maintain **ITB** felt belts throughout their entire working life.



### Belts for Coated Products

Silicone coated belts for automated coating lines. The fine machine grinding that results in a smooth and thoroughly even belt surface is ideal for keeping the fine layer of adhesive compound within the strictest of tolerances, thus enabling users to dramatically cut costs resulting from over or undercoating of their products.

### Belts for the Steel Industry

Polyurethane-coated, impact-resistant aramid belts for wrapping metal laminates around mandrels. These belts offer a much longer service life than traditional PVC or silicone coated belts, which easily break when hit at high speed by sharp edged metal laminates. Developed for use on heavy-duty wrappers for extra-wide laminates these belts will also improve the performance of smaller machines for standard and thinner laminates.

### Belts and Sleeves for the Food Industry

Endless belts and sleeves to convey food products under heated cells or through baking ovens. Belts coated with high-hardness, FDA approved silicone for the die-cutting of confectionery.

### Advanced Treated Fabrics for Hydrogen-based Energy Systems

In-house woven fabric with chemical treatment for use in the filtering units of hydrogen production, purification, extraction and compression systems. This fabric has replaced the traditional membranes and offers a much longer service life and better impurity retention properties.



Endless  
Dedication to  
Quality



## THE IMPORTANCE OF BEING INTERNATIONAL

A close cooperation with top rated and qualified agents and distributors around the world ensures an efficient and prompt service across more than 50 countries.

Through this integrated network **ITB** customers have an easy access to commercial information, technical support and after-sales service.

### EUROPE

Austria, Belarus, Belgium, Bulgaria, Czech Republic, France, Germany, Great Britain, Greece, Hungary, Italy, Luxembourg, Netherlands, Poland, Portugal, Rumania, Russia, Slovenia, Spain, Switzerland, Turkey, Ukraine

### ASIA

Bangladesh, China, Hong Kong, India, Indonesia, Iran, Israel, Japan, Jordan, Kazakistan, Malaysia, Pakistan, Philippines, Singapore, South Korea, Sri Lanka, Taiwan, Thailand, United Arab Emirates, Vietnam

### AMERICAS

Argentina, Bolivia, Brazil, Colombia, Dominican Republic, Ecuador, Guatemala, Mexico, Peru, USA

### AFRICA

Algeria, Botswana, Egypt, Kenya, Morocco, South Africa, Tunisia, Uganda

### OCEANIA

Australia

Established in 1918, **Industrie Tessili Bresciane** has a truly consolidated experience in the field of endless felt belts and technical textiles. Since 2008 **ITB** has been part of the **Heimbach Group**.



### ISO 9001

Since 2001 the **ITB** Quality System conforms to the **ISO 9001** Standards certified by **DNV Business Assurance** (Det Norske Veritas).



Local Contact

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