INDUSTRIE
TESSILI
BRESCIANE

TEXTILES

Seamless Felt Belts

The ITB Textiles Division supplies the textile industry with a wide range of seamless felts and belts which have become over the years a reference standard in terms of quality and performance for any textile finishing department.

Compacting Felts

Developed together with the main OEM's the **ITB** compacting felts are designed for tubular or open-width knitted fabrics.

Made with 100% Nomex© fibres they have a very flexible and smooth non-marking surface which ensures maximum shrinkage and dimensional stability of processed fabric and a long working life.

One only premium felt style with thickness range from 12mm to 22mm is suitable for all brands of compacting calenders.

Nomex© is a registered trade mark by DuPont.

Sanfor Felt Blankets

The **ITB** sanfor felts are made of special technical grade fibres having high tensile strength for use in the production of woven fabrics such as denim, bed sheeting, shirting, terry and other types. They are heat-set and pre-stressed for dimensional stability, are finely textured on both sides and guarantee excellent air permeability.

Special fibres may be used or chemical treatments applied for demanding applications.

Decatizing Felt Blankets and Shrink on Sleeves

Specifically designed for continuous decatizing and setting machines, they have a seamless construction to leave no imprints and are fleece-layered to give fabric a softer, fuller hand.

In addition the **ITB** decatizing felts and shrink on sleeves offer excellent stability and tracking properties.

Special style with heat and chemical resistant synthetic fibres available for the most modern machines with pressurized steam.

Transfer Printing Felt Blankets

These felts are made with 100% Nomex© fibres to withstand even the highest temperatures. They are heat-set for minimal widthwise shrinkage and provide a precise and uniformed transfer of colours to the processed fabric with the sharpest definition.

The **ITB** transfer printing felts, available in widths up to 5000mm, are the choice of the world's foremost machine manufacturers.

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.

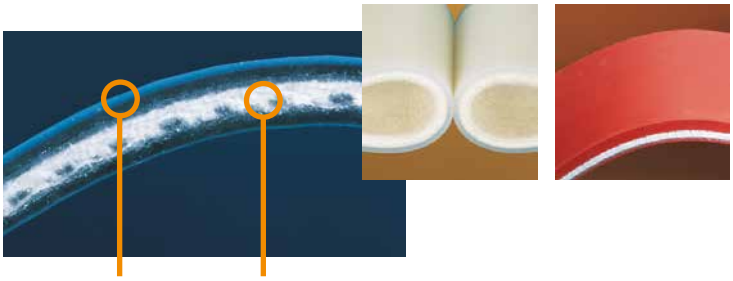
MADE IN ITALY

Silicone and Polyurethane Coated Endless Felt Belts

Endless needled felt belts coated with silicone and smoothly ground for use on high-performance continuous pressing/setting machines for woollen and wool blended fabrics.

These belts, coated with special chemical-resistant silicones to the exact specifications of machine manufacturers with an unrivalled level of surface finish and durability, withstand pressures exceeding 10kg/cm^2.

ITB silicone coated belts also equip special calenders used to laminate different fabric layers.



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**.

heimbach GROUP

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

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

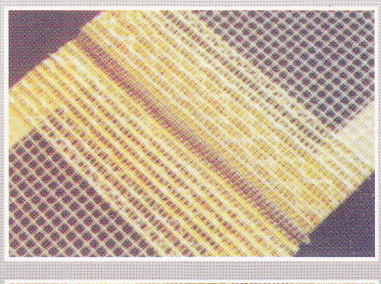
Local Contact

INDUSTRIE TESSILI BRESCIANE Srl

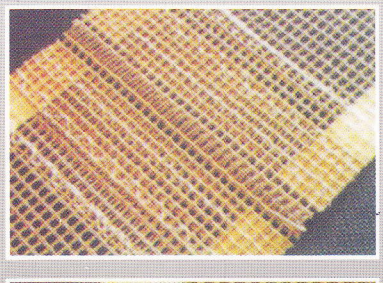
22046 Merone (CO) Italy
Via Z. Isacco, 4
Phone +39 031 650106
Fax +39 031 650686
info@itb-felts.com
www.itb-felts.com

HIGH TEMPERATURE DRYER BELTS

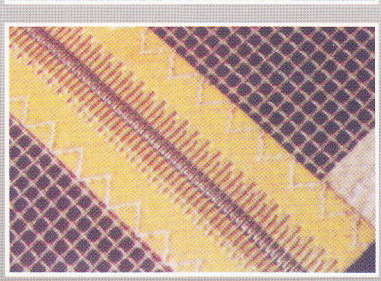
JOINT TYPES (SEAM)



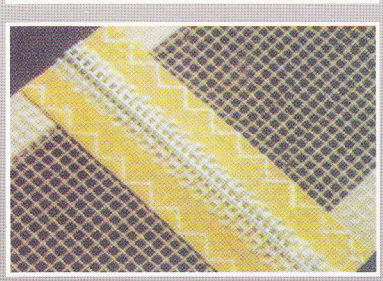
PEEK SPIRAL JOINT



KEVLAR BULLNOJE JOINT

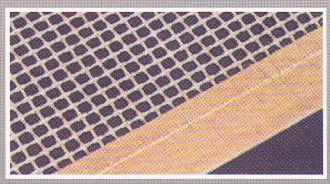


CLIPPER JOINT

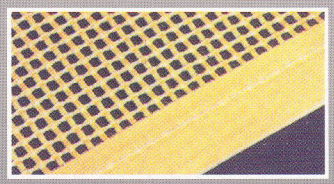


ALLIGATOR JOINT

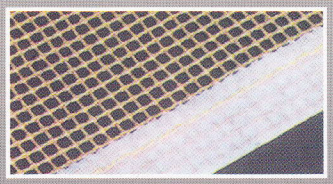
EDGE REINFORCEMENT TYPES



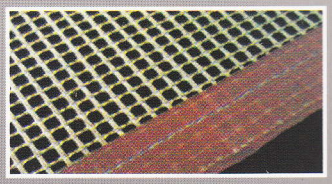
PTFE / GLASS
Type G



KEVLAR
Type K



PTFE FILM WHITE
Type T



PTFE FILM RED
Type U

SAMPLE BELT CODING

Please send us your belt inquiries the form below.

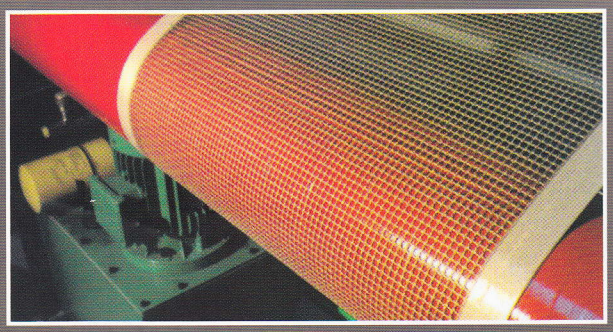
9002	K	CLIPPER JOINT	19500 mm.	x	2500 mm.
Belt Type	Edge Type	Joint Type	Belt Lenght		Belt Width

HI-FRICTION ROLL COVERING TAPE FOR TEXTILE DRYERS

Product name : **SIL-AD Tape** - Hi-Friction Roll Covering Tape

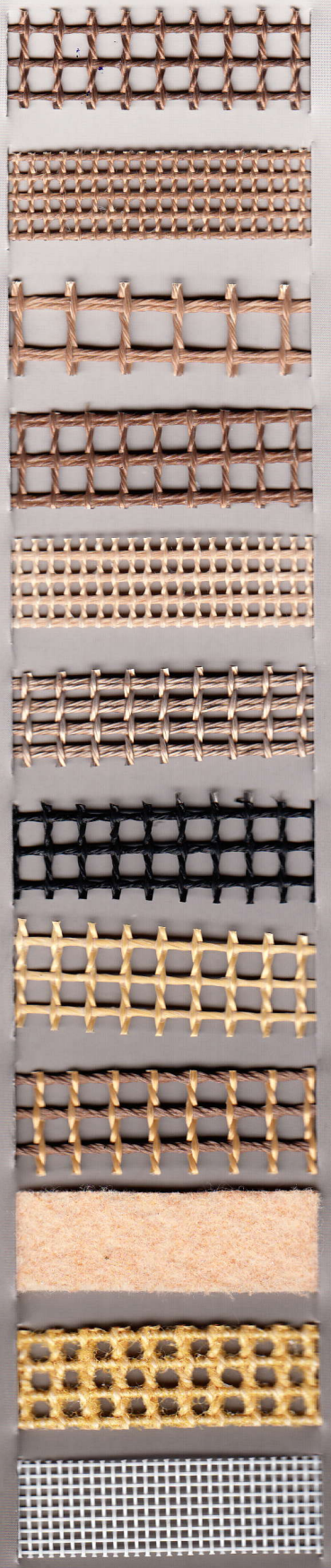
SIL-AD Tape will provide hi-friction surface on drive roller and will prevent teflon coated open-mesh belt from sliding. If metal drive roller is covered by SIL-AD Tape, operators do not need to increase belt tension. This will improve the belt's life.

SIL-AD Tape has a high temperature resisting adhesive on back (covered with yellow liner) which makes it very easy to cover the roller. Metal roller surface should be free off dust, oil etc. (if necessary, it should be cleaned with xylene or acetone). Liner can easily be take off from tape and covered on to the roller.



FIBERFLON®

Max. Temperature (°C)	Coating	Tensile (N/5 cm)	Thickness (mm)	Weight (g/m²)	Mesh Size (mm x mm)	Warp Fill	Belt Types
260	PTFE (Teflon®)	3000	0,900	460	4 x 4	Fiberglass	9002
260	PTFE (Teflon®)	1500	0,800	430	2 x 2	Fiberglass	9004
260	PTFE (Teflon®)	2300	1,200	550	6 x 6	Fiberglass	9009
260	PTFE (Teflon®)	3000	1,200	580	4 x 4	Fiberglass	9012
260	PTFE (Teflon®)	2500	0,900	600	1.5 x 2	Fiberglass	9014
260	PTFE (Teflon®)	3600	1,200	330	2 x 4	Fiberglass	9024
260	PTFE (Teflon®)	3000	0,900	460	4 x 4	Fiberglass	9002 AS
220	PTFE (Teflon®)	3500	0,750	280	4 x 4	Kevlar®	9003
220	PTFE (Teflon®)	3500	1,200	630	5 x 4	Kevlar® Fiberglass	9005
250	Resin	2500	3,000	920	-----	Fiberglass Non Woven	4K
220	Resin	5720	1,200	680	3 x 3	Nomex®	2000 N
150	-------	3000	0,980	360	1 x 1	Mono Filament Polyester	PES 6,5



Fiberflon® is a registered trademark of FIBERFLON A.Ş.
Teflon®, Kevlar®, Nomex® are registered trademarks of Du Pont.