

RT-belt for nonwoven

Innovative Filtration Belts, Dandy Rolls and Services Manufacturer



www.rai-tillieres.com



Rai-Tillières - 100 years of experience

Rai-Tillières is a true manufacturer of woven belts since 1906 and produces a dedicated range of belts for the non-woven industry.

Certified ISO 9001 since 2008, Rai-Tillières focuses on developing high quality products according to customers' specifications.

ISO 9001

BUREAU VERITAS
Certification



Rai-Tillières offer plastic or metallic solutions in both manufacturing stages – web formation and web bonding – both standardised and custom-tailored.

Rai-Tillières can weave belts up to 6 m - 19,6 feet - wide in various material including: polyester, polyamide, conductive yarns, kynar (PVDF), PPS, Stainless steel or bronze. We can weave up to 6 meters - 19,6 feet - wide fabrics from 150 to 1600 CFM.

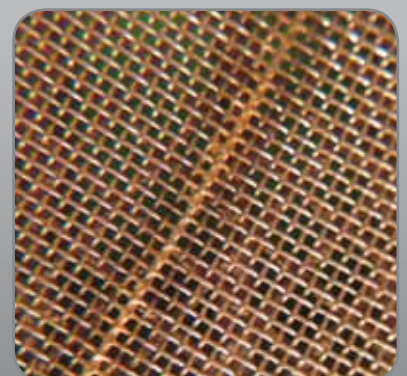
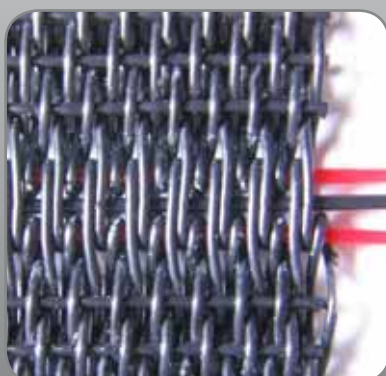


Web formation

Depending on the manufacturing process : carding, airlaid, wetlaid as well as spunbond/meltblown, we offer different wire cloths with an adapted air permeability level, a suitable support of fibres and eventually conductive properties.

Particularly responding to the needs of web formation, the design of our wires provides web stability, good lay down of fibres and optimal removal of the nonwoven.

We are also able to fulfil all customer requests where seaming is concerned. Whether it is an endless woven seam, a non-marking resealable, single or double pin seam or a non-marking soldered seam, we offer the best seam for every type.



Web bonding

Thermal bonding

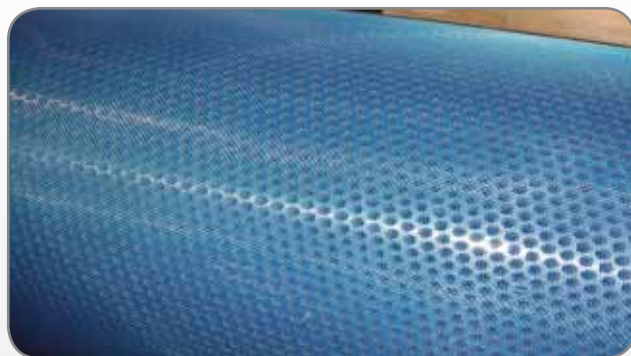
For thermal bonding we offer metal wire cloth, made endless by means of a soldered gold seam.

These fabrics can withstand temperatures up to 350° Celsius - 662 degree Fahrenheit - and are very durable.



Spunlace/ Hydroentanglement

For this process we offer our customers different fine to very fine, single layer polyester cloths, endless woven. We also offer very open mesh to dry the product, often using guiding profiles on the edge the belt.



Transfer & Conveyors

From the experience we got in the paper industry, we keep a wide range of plastic fabrics to find solutions in any transfer or conveying position.



Patterning & Drying cylinders




We have a range of products in stainless steel (316L) and bronze to make different covers on any kind of rolls. We make warranted non-marking diagonal gold seam. We supply plastic shrinkable sleeves that we can set up on site.

For patterning, our design department can make embossed fabrics to make specific marking rolls closely adapted to the customer needs.




Some standard products :



Spunbond / Meltblown




NW 04 20 20	NW 04 20 30	NW 04 20 35
		

Spunlace

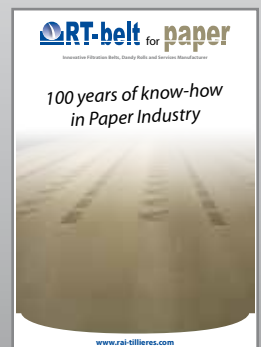
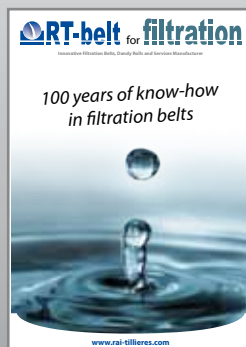
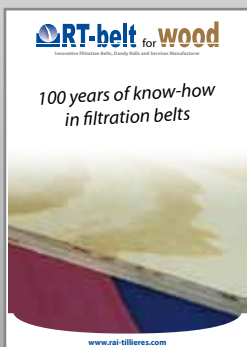
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Carding

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Airlaid	Cylinders	Diapers
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Other applications



RT-belt for **wood**

RT-belt for **filtration**

RT-belt for **paper**

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RAI-TILLIERES SAS - rue de l'usine de Boisthorel - F - 61270 RAI
Tél. : +33 (0) 233 841 184 - Fax : +33 (0) 233 841 181