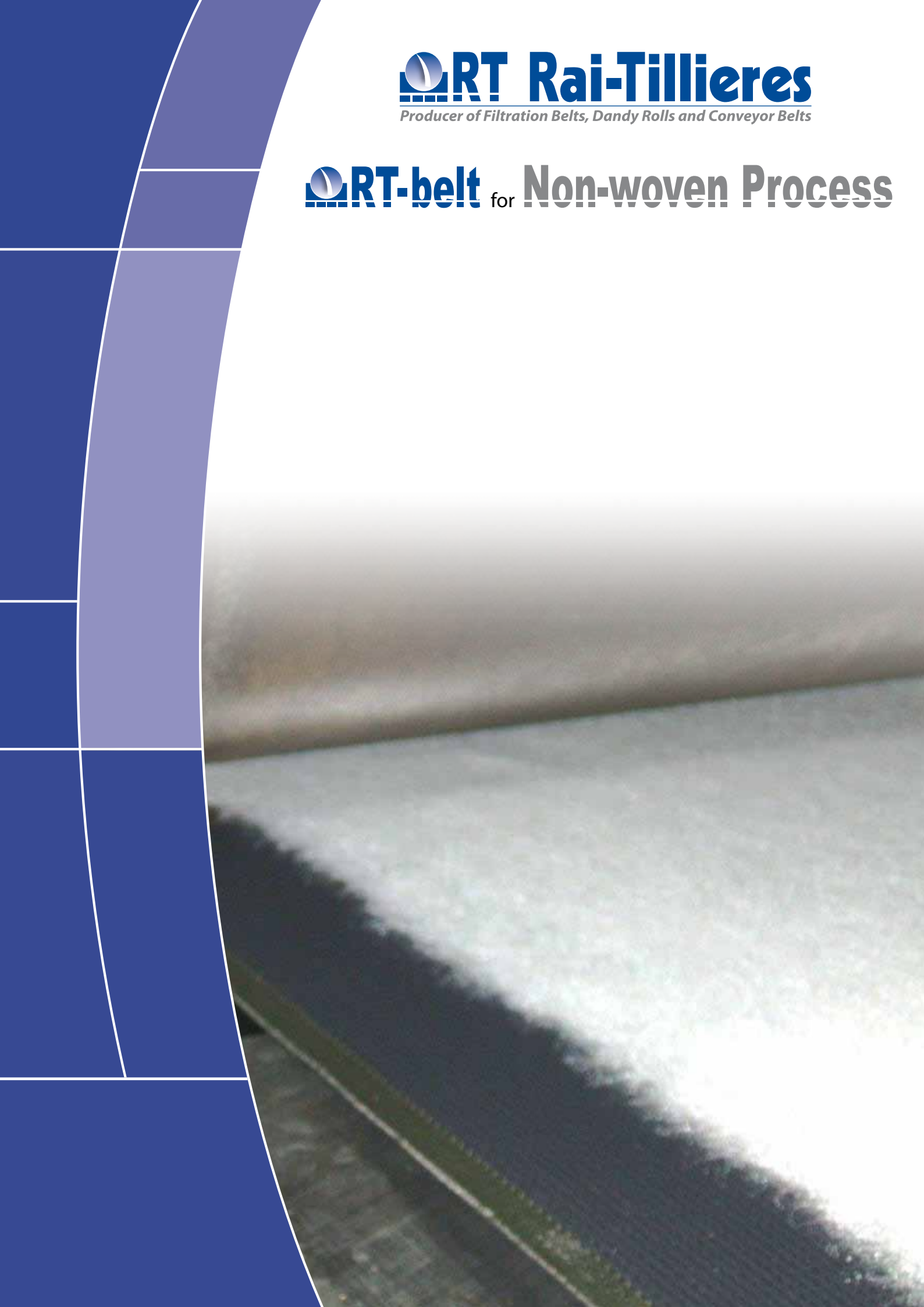




RT-belt for **Non-woven Process**



Rai-Tillieres - 100 years of experience

Rai-Tillieres 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-Tillieres focuses on developing high quality products according to customers' specifications.



Rai-Tillieres offers synthetic or metallic conveyor belts in both manufacturing stages (web formation and web bonding) both standardised and custom-tailored.

Rai-Tillieres can weave belts:

- up to 6 m - 19,6 feet
- from 150 to 1600 CFM
- in various material including: polyester, polyamide, conductive yarns, PPS, Stainless steel or bronze.

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
- optimal removal of the nonwoven.

We are also able to fulfil all customers 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 fabric.

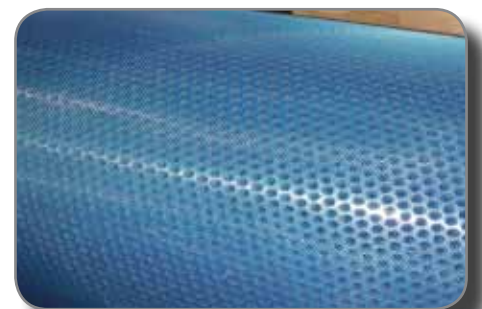
Web bonding

• 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 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.





Our References : Georgia Pacific - Ah

Rai-Tillieres standard products :



Spunbond / Meltblown




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

Spunlace

NW 04 22 03	NW 03 42 03	NW 04 20 21
		

Carding

NW 04 21 04	NW 08 20 10
	

Airlaid	Cylinders	Diapers
NW 04 20 10	39 I	NW 01 11 01
		

• Transfer & Conveyors

From the experience we got in the paper industry, we offer a wide range of synthetic fabrics to equip in any transfer or conveying position.

• Patterning & Drying cylinders

For roll covers, we produce stainless steel (316L) and bronze sleeves.

We make warranted non-marking diagonal gold seam. We also supply plastic shrinkable sleeves that we can set up on site.

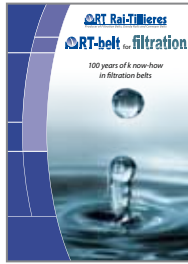
For patterning, our design department can make embossed fabrics to make specific marking rolls closely adapted to the customer needs.



Other applications



 **RT-belt** for **paper**



 **RT-belt** for **filtration**

 **RT Rai-Tillieres**
Producer of Filtration Belts, Dandy Rolls and Conveyor Belts

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ISO 9001

BUREAU VERITAS
Certification



Representative