

Our Expertise, Your Success.

CONVEYOR BELTS



Our technical expertise: 90 years of know-how and high standards

In a rapidly changing market, we constantly develop new belting solutions.

Our know-how

Reveyron has gathered an extensive background in producing and fabricating light conveyor belts. Our expertise, knowledge of raw materials and production processes guarantee products of high quality.

In addition, our flexibility and know-how allow us to fabricate tailor-made belts for specific application processes.

Research & Development

We anticipate our customers' needs and thus develop and create new products.

Close relationships with suppliers enable us to co-develop our own raw materials to suit your needs. Our goal is to constantly improve technical properties and performances of our belts.

High performance calender lines for TPU coating

Our two calender lines generate considerable synergies in the production of conveyor belts.

Our first line, using a unique powder-coating process produces a large product range of technical PU belts.

The second line, using state-of-the-art technologies, is a key investment for Reveyron and allows the calendaring of high performance TPU's in the width of up to 3 meters (118 in).

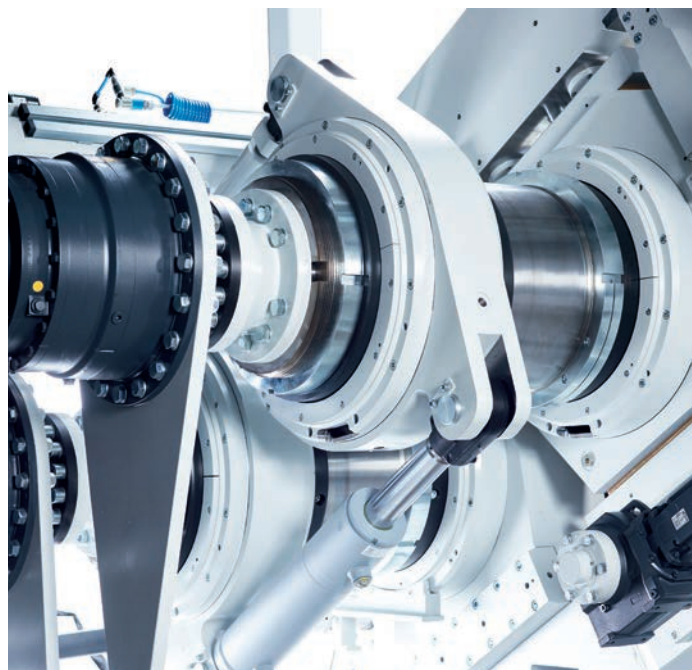
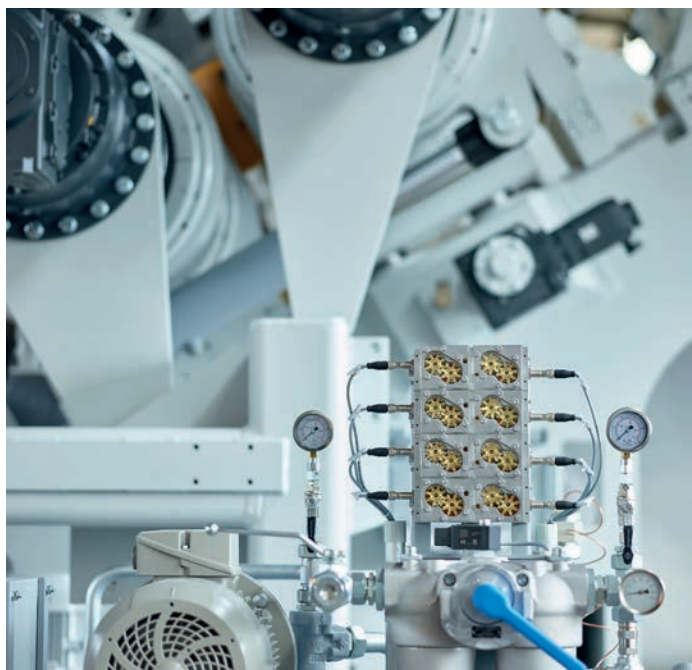
Those two lines combined provide flexibility, adaptability and a large production capacity in order to respond even more effectively to the technical specifications that our clients demand.

Our fabrication units can fulfill all types of fabrication requests.

In our modern facilities, we can:

- Splice; using punching equipment and presses up to 3 m width (118 in),
- weld profiles, tracking guides, and Compart™ sidewalls,
- weld cleats / flights, using high frequency machines,
- seal / cap edges (FPS),
- apply mechanical belt fastener/ lacing in metal or plastic materials.

In our metal fabrication and assembling unit, we produce machinery such as belt bend conveyors, slitting machines and other types of equipment.



Polyurethane belts

Our polyurethane belts for a better future

Industries evolve. Reveyron TPU belts contribute to substantial savings and optimised industrial processes.

Our TPU belts are an essential component to providing absolutely safe food.

Also, with 100% polyurethane technology, we take care of the environment.



Conveying concrete blocks

Optimal industrial processes

Reveyron belts offer optimal dimensional stability and perfect tracking: no shrinkage, elongation, cupping and other deformations.

Due to their robust construction, they resist to very demanding mechanical design requirements.



- Controlled maintenance of conveying systems
- Secured conveying of heavy duty items
- Longer preventive maintenance intervals
- Unplanned downtimes avoided

Polyurethane belts																
			Manufacturing width	No of plies	Total thickness	Top coating	Hardness	Finish / Pattern	Force at 1% elongation	Min. pulley Ø	Min. pulley Ø backflex	Cross rigidity	Food approved EU 10/2011	Availability		
Top	Bottom	Type	mm		mm	mm	ShA			N/mm	mm	mm				
		1PURB25/CW	2000	1	0,70	0,25	85	Gloss	√	5	6	20	•	√	√	■
		1PURB25/EW	2000	1	0,70	0,25	85	Gloss		5	6	20	•	√	√	●
		1PURB25MAT/CW	2000	1	0,70	0,25	85	Matte	√	5	6	20	•	√	√	●
		1PURB25H/CW	2000	1	0,70	0,25	92	Matte	√	5	8	20	•	√	√	■
		1PURBD30/EW	2000	1	1,00	0,30	85	NP		5	10	20	•	√	√	■
		1PURB35/LCW	2000	1	1,00	0,35	85	Gloss	√	6	5	20	••	√	√	▲
		1PURB55/LCW	2000	1	1,15	0,55	85	Gloss	√	6	5	20	••	√	√	●
		1PURB55HR/LW	2500	1	1,15	0,60	85	HR		6	8	20	••	√	√	●
		1PURB65/FW	2000	1	1,30	0,65	85	Gloss		7	10	20	Flexible	√	√	●
		2PUR10/CW-AL	2000	2	1,10	0	-	Fabric	√	9	12	30	••	√	√	●
		2PURB20/CW	2000	2	1,30	0,20	85	Gloss	√	10	10	40	••	√	√	●
		2PURB20/EW	2000	2	1,30	0,20	85	Gloss		10	10	40	••	√	√	●
		2PURB20MAT/ACW	2000	2	1,30	0,20	85	Matte	√	10	10	40	••	√	√	●
		2PURB20H/CW	2000	2	1,30	0,20	92	Matte	√	10	12	40	••	√	√	■
		2PURBD30/CW	2000	2	1,70	0,30	85	NP	√	10	20	50	••	√	√	■
		2PURB25I/FW	2000	2	1,60	0,25	85	Matte		12	40	60	Flexible	√	√	●
		2PURB35MAT/ACW	2000	2	1,60	0,35	85	Matte	√	10	20	40	••	√	√	■
		2PURB35H/CW	2000	2	1,60	0,35	92	Matte	√	10	25	50	••	√	√	●
		2PURB40HI/5C	2000	2	2,15	0,40	92	Matte	√	9	50	80	•••••	√	√	●
		2PURB55/FW	2000	2	2,30	0,55	85	Matte		12	50	90	Flexible	√	√	■
		2PURB60/LCW	2000	2	2,30	0,60	85	Gloss	√	13	60	100	••••	√	√	●
		2PURB90/LW	2000	2	3,10	0,90	85	Gloss		13	80	110	••••	√	√	●
		1PURX0/EW	2000	1	0,45	0	-	Fabric		5	5	5	•	√	√	▲
		1PURX25MAT/CW	2000	1	0,70	0,25	85	Matte	√	5	6	20	•	√	√	●
		1PURX25MAT/FW	2000	1	0,90	0,25	85	Matte		4,5	8	20	Flexible	√	√	▲
		1PURX30/LW	2000	1	0,95	0,30	92	Matte		7	10	20	••	√	√	●
		1PURX35MAT/LCW	1500/2000	1	0,95	0,35	85	Matte	√	7	5	20	••	√	√	●
		1PURXD30/EW	2000	1	1,00	0,30	85	NP		5	10	20	•	√	√	●
		1PURX55/LCW	2000	1	1,15	0,55	85	Gloss	√	7	5	20	••	√	√	●
		1PURX60HR/LCW	2000	1	1,20	0,60	92	HR	√	7	8	20	••	√	√	●
		2PURX0/CXW-S	2000	2	1,10	0	-	Fabric	√	9	12	30	••	√	√	●
		2PURX20/CW	2000	2	1,30	0,20	85	Gloss	√	10	8	20	••	√	√	●
		2PURX20MAT/ACW	2000	2	1,30	0,20	85	Matte	√	10	8	20	••	√	√	●
		2PURX30/EW	2000	2	1,40	0,30	92	Matte		10	12	40	••	√	√	●
		2PURXD30/CW	2000	2	1,70	0,30	85	NP	√	10	20	50	••	√	√	●
		2PURX40/LCW	2000	2	1,70	0,40	85	Matte	√	12	30	50	•••	√	√	●
		2PURX40/5C	2000	2	2,15	0,40	92	Matte	√	9	50	80	•••••	√	√	▲
		2PURX55HR/CW	2000	2	1,70	0,55	92	HR	√	10	25	50	••	√	√	■
		2PURX55/FW	2000	2	2,30	0,55	92	Matte		13	60	90	Flexible	√	√	■
		2PURX60/LCW	2000	2	2,40	0,60	85	Matte	√	13	60	80	••••	√	√	●
		3PURX30H/5C	2000	3	3,10	0,30	92	Matte	√	11	120	160	••••••	√	√	■
		3PURX0I/LCW	2000	3	2,80	0	-	Fabric	√	13	100	140	•••••	√	√	▲

HR High Release (rice grain profile)
NP Negative pyramide

- All dimensions
- Only in full manufacturing width
- ▲ On demand manufacturing

TPU Belts - Product temperatures: -40°C +90°C
Tensile Force for 1% Elongation after Relaxation (k1% relaxed) per unit of Width

Polyurethane belts																															
				Manufacturing width		No of plies		Total thickness		Top coating		Hardness		Finish / Pattern		Force at 1% elongation		Anistatic fabric		Min. pulley Ø		Min. pulley Ø backflex		Cross rigidity		Food approved EU 10/2011		Impragated fabric		Availability	
Top	Bottom	Type	mm		mm	mm	ShA			N/mm	mm	mm																			
		1PURXK25MAT/EW	2000	1	0,75	0,25	85	Matte		5	6	20	•	✓	✓	■															
		2PURXK20MAT/ACW	2000	2	1,30	0,20	85	Matte	✓	10	8	20	••	✓	✓	■															
		2PURXK90/LW	2000	2	3,10	0,90	85	Gloss		13	80	110	••••	✓	✓	▲															
		2PURXKD/CW	2000	2	1,70	0,55	85	NP	✓	10	35	50	••	✓	✓	■															
		1PURI30/EW	2000	1	0,80	0,30	85	Gloss		5	6	20	•	✓		▲															
		2PURI0C/LCW	2000/2500	2	1,60	0	-	Fabric	✓	12	50	50	•••	✓		▲															
		2PURI30I/LW	1300/2000	2	1,80	0,30	92	Matte		12	25	50	•••	✓	✓	●															
		2PURI60HR/LW-2.3	1300/2000/2500	2	2,30	0,60	92	HR		12	25	60	••••	✓	✓	●															
		2PURI75I/LCW	2000/2500	2	2,35	0,75	92	Matte	✓	11	70	100	••••	✓	✓	●															
		2PURI160I/LW	2000	2	4,00	1,60	92	Matte		13	130	180	•••••	✓	✓	●															
		2PURIR100I/LCW	2000	2	2,60	1,00	85	Gloss	✓	13	80	110	••••	✓		■															
		3PURIR180I/LW	1300/2000	3	5,00	1,80	85	Matte		15	180	240	••••••	✓		●															
		2PURN20HI/CW	2000	2	1,30	0,20	92	Matte	✓	10	10	40	••	✓	✓	▲															
		2PURN60I/LCW	2500	2	2,50	0,60	92	Matte	✓	13	70	100	••••	✓	✓	●															
		2PURN100I/LHR	2250	2	3,40	1,00	92	Matte / HR		13	100	160	•••••		✓	▲															
		2PURN160I/LCW	2000	2	4,00	1,60	92	Matte	✓	11	130	180	•••••	✓	✓	●															
		3PURN130H/LCW	2500	3	3,75	1,30	92	Matte	✓	18	130	180	••••••	✓	✓	■															
		1PURV25/CW	2000	1	0,70	0,25	92	Matte	✓	5	8	20	•	✓	✓	▲															
		2PURV20/CW	2000	2	1,30	0,20	92	Matte	✓	10	12	40	••	✓	✓	●															
		2PURV25/FW	2000	2	1,65	0,25	92	Matte		12	40	60	Flexible	✓	✓	▲															
		2PURV30/LCW	2000	2	1,80	0,30	92	Matte	✓	13	40	60	•••	✓	✓	●															
		2PURV45/5C	2000	2	2,15	0,45	92	Matte	✓	9	50	80	•••••	✓	✓	●															
		2PURV50/LW	2400	2	2,50	0,50	92	Matte		13	80	100	••••	✓	✓	■															
		2PURV55/FW	2000	2	2,30	0,55	92	Matte		12	60	90	Flexible	✓	✓	■															
		3PURXB70I/LW	2280	3	3,50	0,70	85	Matte		18	130	180	••••••	✓	✓	▲															

 hygiène et sécurité																							
		2PURB25/EHR	2000	2	1,80	0,25	85	Matte / HR			11	25	45	••		✓	✓	✓	✓	✓	✓	●	
		2PURB40/LHR	2000	2	2,30	0,40	85	Matte / HR			13	50	70	•••		✓		✓				●	
		2PURB100/LHR	2000	2	3,40	1,00	85	Matte / HR			13	100	160	••••		✓		✓				●	
		3PURB170/LHR	2000	3	5,00	1,70	92	Matte / HR			18	180	240	••••••		✓		✓				●	
		2PURXD/EHR	2000	2	2,20	0,60	92	NP/ HR			11	30	25	••		✓		✓				●	
		2PURX60HR/ED	2000	2	2,20	0,60	92	HR / NP			11	25	30	••		✓		✓				●	
		2PURX25/EHR	2000	2	1,80	0,25	92	Matte / HR			11	25	45	••		✓		✓				●	
		2PURX25/fiHR	2000	2	1,80	0,25	92	Matte / HR			10	25	45	Flexible		✓		✓				■	
		2PURX30/LHR	2000	2	2,30	0,30	92	Matte / HR			13	60	80	•••		✓		✓				▲	
		2PURX40/FHR	2000	2	2,30	0,40	92	Matte / HR			14	60	80	Semi-flex.		✓		✓				●	
		2PURX50/fiHR	2000	2	2,20	0,50	92	Matte / HR			9	40	60	Flexible		✓		✓				▲	
		2PURX90/LHR	2000	2	3,40	0,90	92	Matte / HR			13	100	160	••••		✓		✓				●	
		3PURX30/FHR	2000	3	3,05	0,30	92	Matte / HR			18	100	130	Flexible		✓		✓				▲	
		2PURX30/LX30-1.9	1500	2	1,90	0,30	92	Matte / Gloss			13	60	60	•••		✓		✓				▲	
		2PURX30X/LX30	2000	2	2,90	0,30	92	Matte / Gloss			13	80	80	••••		✓		✓				●	

Reveyron also manufactures belts according to technical specifications requested by our customers. Please contact us for more information.

Securev™ belts

The belting force for food safety

In a challenging environment for safe and hygienic handling of food, contamination risks must be controlled.

The TPU Securev™ range is the most efficient solution ensuring a superior hygiene while conveying and processing food.

Ensuring food safety

Securev™ belts are hermetically closed to micro-organisms.

Reveyron TPU is a naturally inert and stable material, as it does not interact with other substances and does not contain additives or plasticizers.

With a double TPU cover and sealed edges [FPS], the Securev™ belt offers a true protection from any contamination and infiltration of liquids or oils.

- Preventing the proliferation of microorganisms on belt surfaces and core
- Excellent barrier against any infiltration of oils or liquids containing contaminants
- Absence of belt components migrating into foodstuff

Securev™ belts are designed to work in the most difficult conveying environments:

- Small pulley Ø
- Heavy duty conveying
- High speed processing
- Maximized throughput capacity on wide belts

HR

- Easy to clean
- Self-cleaning + high release HR-pattern

FPS

- Sealed / Capped edges
- Protection from all contamination
- Protection from fraying

100% polyester fabric core
Perfect dimensional stability
Strong transversal rigidity

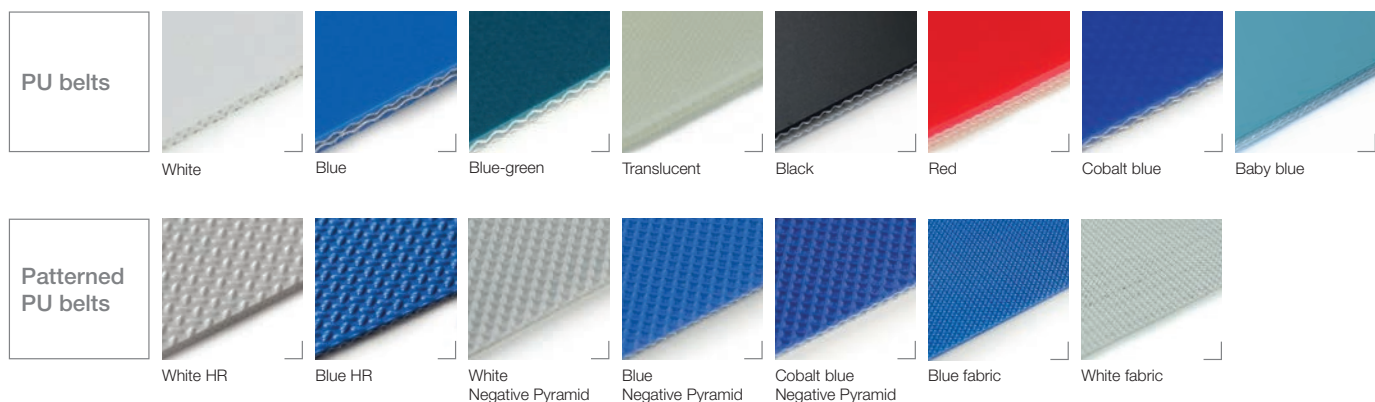
- HR: Very smooth and structured surface (Lotus effect)
- Low coefficient of friction
- High density and inert TPU

Codification of Reveyron belts

CODIFICATION

Number of plies 1 ply 1 2 plies 2 3 plies 3	2 PUR	B	20	H	C	W
Material Polyurethane PUR						
	Color White B Translucent I Black N Red R Blue-green V Blue X Baby blue XB Cobalt blue XK				Type of fabric E Rigid in weft – 80 N/mm C Rigid in weft, antistatic – 80 N/mm L Very rigid in weft – 110 N/mm LC Very rigid in weft, antistatic – 110 N/mm 5E Extremely rigid in weft – 85 N/mm 5C Extremely rigid in weft, antistatic – 85 N/mm F Flexible – 120 N/mm fl Flexible, thin – 85 N/mm	Belt back side D Negative pyramid pattern HR Positive rice grain pattern ("high release") W Impregnated fabric
Thickness of top surface in 1/100 mm				HR Positive rice grain pattern ("high release") D Negative pyramid pattern MAT Matte cover H Hard, matte cover		

FINISH AND PATTERN COVERS OF OUR BELTS





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