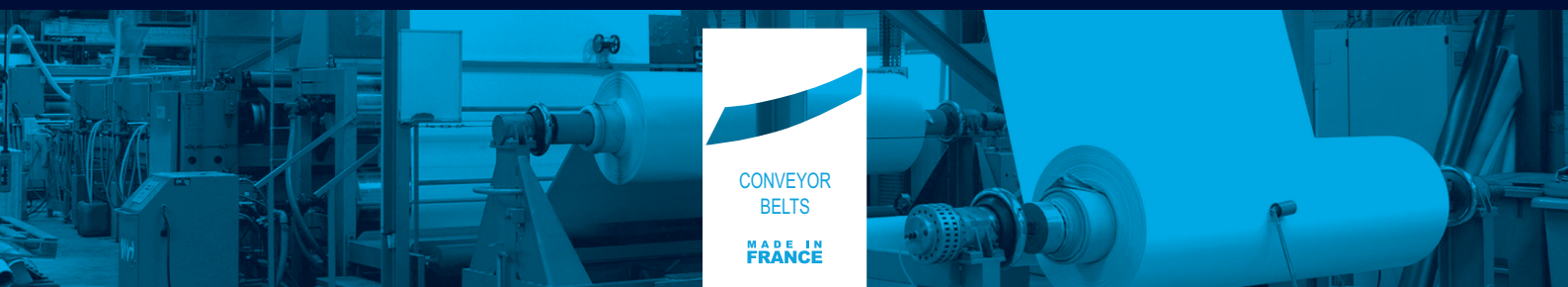




L'expérience en mouvement



CONVEYOR BELTS



Reveyron invites you to save paper. All our technical data sheets can be easily downloaded on our website www.reveyron.com. Please print only what is essential. Thank you very much for your participation.



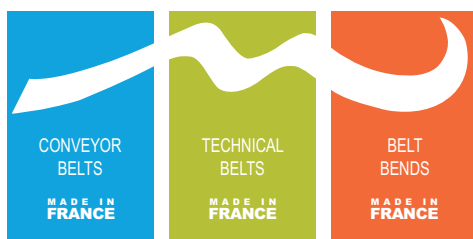
Summary

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P. 6	Product description / Tolerances / Standards
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- 1926 : Reveyron initially started to weave technical fabrics (in the silk weaving district of Lyon)
- 1958 : First production of Reveyron conveyor belts
- 1968 : Relocation in the Industrial Area of Les Echets (nearby Lyon)
- 1980 : Investment in Machines and Research and Development to coat urethane belts
- 1981 : Extension of the premises and creation of a mechanical workshop devoted to curved conveyors
- 1990 : Creation of a belt fabrication workshop of Urethane and PVC conveyor belts
- 2004 : Renewal of the technical equipment
- 2011 : Extension of the offices and the manufacturing workshop



[Belt Design

Research & Development

Our R&D department constantly designs new belt types, according to your demand.

The following technical characteristics can be adjusted :

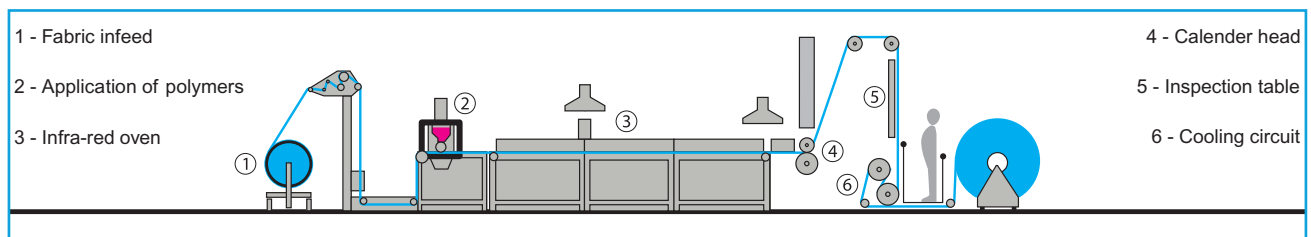
- The choice of the polymer and its colour
- Inner-ply thicknesses
- Top cover finish and coating
- The fabrics and their mechanical resistance



Production

Our production facilities and structure allow us to have a high flexibility and to provide state of the art technical belting solutions.

- We produce a wide range of urethane belts on demand, starting from 100 linear meters in widths up to 2500 mm.
- Our coating process ensures a perfect inner-ply adhesion.
- Our specific tension system guarantees a perfect dimensional stability.



Material Testing Laboratory

Our material testing machine enables us to measure :

- Elasticity and inner-ply adhesion
- Tensile force and breaking load



[Reveyron product description

2
PUR
B
20
H
C
W

Number of plies

Material

Colour

Top cover thickness (1/100th mm)

Additional information about top cover

Fabric code

Additional information about bottom cover / bottom fabric

2 PUR B 20 H / C W

Reference

Number of plies	Material	Colour
1 : 1 ply	PUR : Thermoplastic	B : White
2 : 2 ply	Urethane (TPU)	X : Blue
3 : 3 ply	T : PVC	V : Green
	SI : Silicone / PU	I : Transparent
	VS : Silicone	G : White grease-resistant (PVC)
		N : Black

Additional information about top cover	Fabric Code	Additional information about bottom cover
HR : Positive "rice grain" pattern	F : Flexible (troughable) 120 N/mm	W : Impregnated fabric
D : Negative Pyramid pattern	C : Monofilament antistatic 80 N/mm	HR : Positive "rice grain" pattern
H : Hard, matt coating	E : Monofilament 80 N/mm	Hydro-Regeneration (PU)
AS : Antistatic	L : Rigid Monofilament 125 N/mm	S : Low-noise fabric
STR : Longitudinally ribbed profile	4E : Very rigid monofilament 85 N/mm	D : Diamond pattern
GRIP : Standard grip top		O : Untreated fabric
MINIGRIP : Rhomboid pattern		

[General Tolerances

In accordance with ISO 15147:1999(F)

For endless belts or belts
with prepared ends

BELT LENGTH		TOLERANCE
More than...	to	
0,5 m	2 m	±10 mm
2 m	7 m	±20 mm
7 m	100 m	±0,3% Lg belt

Acceptable tolerance
depending on cut width

BELT WIDTH		TOLERANCE
More than...	to	
0 mm	200 mm	±1 mm
200 mm	600 mm	±2 mm
600 mm	1000 mm	±4 mm
1000 mm	2000 mm	±6 mm
2000 mm	3000 mm	±7 mm

[Food regulations

EC/1935/2004



Framework regulation concerning materials and articles intended to come into contact with food. It defines the requirements to comply with.

In ANNEX I, plastic is listed as a group of materials which may be related to specific measures, as described in the directive 2002/72/EC.

2002/72/EC

Directive relating to plastic materials and articles intended to come into contact with foodstuffs.

It defines plastic materials, migration limits, the list of monomers and other substances authorized in the manufacturing process of plastic materials, and the specific migration limits for some monomers or other substances.

This directive is used as a referential for all manufacturers of light conveyor belts. It is regularly completed by amendments.

Reveyron's absolute food commitment

- Continuous monitoring
- Training of the technical staff and sales team by specialists
- Close cooperation with all our suppliers and their written commitments
- Tests on all urethane belts for **global and specific migration** by an independent laboratory, COFRAC* accredited.

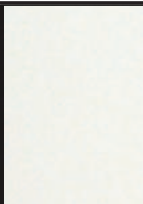

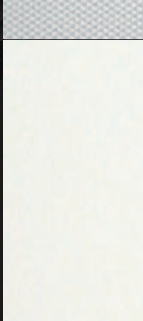
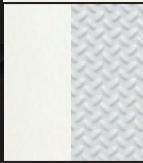

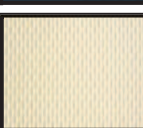
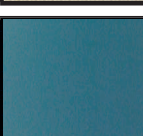
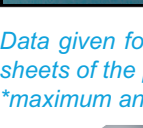
All Reveyron TPU belts and extruded profiles comply with the above mentioned European regulation and directive for the conveying of all type of foodstuff.

They have passed with success the global and specific migration tests for the five classes of simulants.

For further information, please contact us.

*COFRAC : French accreditation body for laboratories, certifying and inspection organisms.

[PU belts

ARTICLE CODE		Number of plies	Hardness (Sh.A)	Total thickness (mm)	Coating thickness (mm)	Tear strength (N/mm)	1% elongation resistance (N/mm)	Minimum pulley diameter (mm)	Minimum reverse flex diameter (mm)	Acceptable product temperatures	Rigid	Flexible	Matt finish	Antistatic	Impregnated fabric	Foodgrade
	1PURB25/CW	1	85	0.70	0.25	60	5	6	20	-40°C +90°C	●			●	●	●
	1PURB25/EW	1	85	0.70	0.25	60	5	6	20	-40°C +90°C	●				●	●
	1PURB25H/CW	1	92	0.70	0.25	60	5	8	20	-40°C +90°C	●		●	●	●	●
	1PURB65/FW	1	85	1.30	0.65	90	7	10	20	-40°C +90°C		●			●	●
	1PURB55/LCW	1	85	1.15	0.55	90	8	5*	20	-40°C +90°C	●			●	●	●
	1PURB55HR/EW	1	85	1.00	0.55	60	5	8	20	-40°C +90°C	●				●	●
	2PURI0/CW	2	-	1.10	0	120	10	12	30	-40°C +90°C	●			●	●	
	2PURB20/CW	2	85	1.30	0.20	120	10	10	40	-40°C +90°C	●			●	●	●
	2PURB20/EW	2	85	1.30	0.20	120	10	10	40	-40°C +90°C	●				●	●
	2PURB20H/CW	2	92	1.30	0.20	120	10	12	40	-40°C +90°C	●		●	●	●	●
	2PURB25/FW	2	85	1.60	0.25	200	12	40	60	-40°C +90°C		●	●		●	●
	2PURB40H/CW	2	92	1.80	0.40	120	10	50	80	-40°C +90°C	●		●	●	●	●
	2PURB60/LCW	2	85	2.30	0.60	180	13	60	100	-40°C +90°C	●			●	●	●
	2PURB90/LW	2	85	3.10	0.90	200	13	80	110	-40°C +90°C	●				●	●
	2PURB25/EHR	2	85	1.80	0.25	120	11	25	45	-40°C +90°C	●		●			●
	2PURB40/LHR	2	85	2.30	0.40	200	14	50	70	-40°C +90°C	●		●			●
	2PURB100/LHR	2	85	3.40	1.00	180	13	100	160	-40°C +90°C	●		●			●
	3PURB170/LHR	3	92	5.00	1.70	300	18	180	240	-40°C +90°C	●		●			●
	1PURX25/CW	1	92	0.70	0.25	60	5	8	20	-40°C +90°C	●		●	●	●	●
	1PURXD30/EW	1	85	1.00	0.30	60	5	10	20	-40°C +90°C	●				●	●
	2PURX20/CW	2	85	1.30	0.20	120	10	10	40	-40°C +90°C	●			●	●	●
	2PURX30/EW	2	92	1.40	0.30	120	10	12	40	-40°C +90°C	●		●		●	●
	2PURX60/LCW	2	85	2.40	0.60	180	13	60	80	-40°C +90°C	●		●	●	●	●
	2PURXD/CW	2	92	1.70	0.30	150	10	35	50	-40°C +90°C	●			●	●	●
	2PURX25/EHR	2	92	1.80	0.25	120	11	25	45	-40°C +90°C	●		●			●
	2PURX30/FHR	2	92	2.30	0.35	180	14	60	80	-40°C +90°C		●	●			●
	2PURX90/LHR	2	92	3.40	0.90	200	13	100	160	-40°C +90°C	●		●			●
	2PURI75/LCW	2	92	2.35	0.75	170	13	70	100	-40°C +90°C	●		●	●	●	●
	2PURI75/LW	2	92	2.35	0.75	230	11	70	100	-40°C +90°C	●		●		●	●
	2PURI160/LW	2	92	4.00	1.60	200	13	130	180	-40°C +90°C	●		●		●	●
	2PURV20/CW	2	92	1.30	0.20	120	10	12	40	-40°C +90°C	●		●	●	●	●
	2PURV30/LCW	2	92	1.80	0.30	170	13	40	60	-40°C +90°C	●		●	●	●	●
	2PURV45/4E	2	92	2.15	0.45	140	10	60	80	-40°C +90°C	●		●		●	●

Data given for a temperature of 20°C. Up-dated specifications and splicing information are provided in the technical data sheets of the products, available on www.reveyron.com.

*maximum angle 135°

[Applications



1PURB55HR/EW

STRUCTURED BELTS

2 available top cover structures :

- Positive pattern : [HR] – rice grain
- Negative pattern : D – diamond (Negative pyramid)

Belts with a positive [HR] pattern ensure :

- Great release of the products
- Easy cleaning and no food retentioning
- Low friction on slider beds and no vacuum effect



3PURB170/LHR

HIGH DIMENSIONAL STABILITY BELTS

Fabricated belts to ensure a continuous flow and a good release of the products thanks to a :

- Perfect stability
- Very high tensile strength
- Very high transversal rigidity

Application example of an urethane belt (3 plies) on a swan neck conveyor with an angle of 76° (inclined cleats h. 80 mm and Compart sidewalls h. 100 mm).



2PURI160I/LW

HEAVY DUTY BELTS

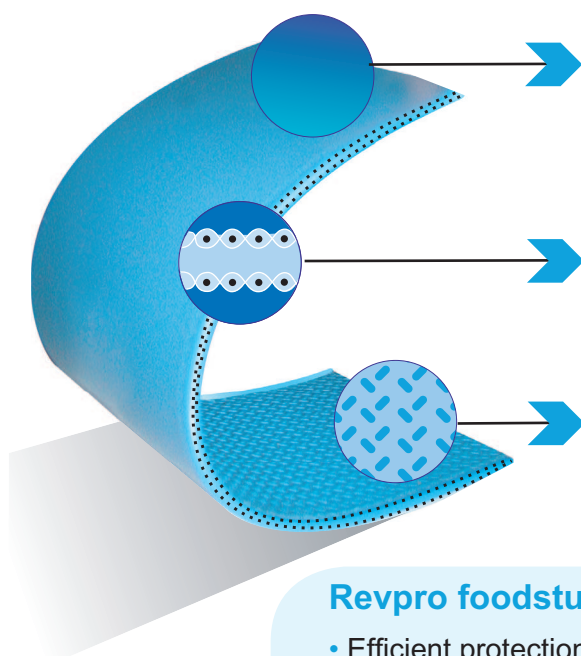
Belts with a thick top cover : from 0,45 to 1,70 mm.

- Very high cut resistance
- Very high mechanical resistance
- Very high abrasion resistance
- Conveying of heavy loads
- Very high transversal rigidity

The Securev belts meet your hygienic and safety requirements in the food industry :
Protection against all contamination. Easy to clean. Longer service life.

Managed bacteriological risks

The REVPRO belts: 100% **urethane cover on both sides**. Smooth and non-porous. Equipped with a polyester fabric carcass.



100% PU, inert and non-porous

- 100% suitable for immediate food contact EC and FDA*

Textile carcass in 100% polyester, multi-ply


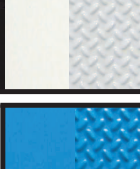
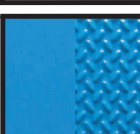
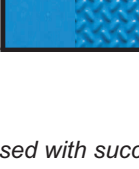
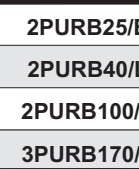
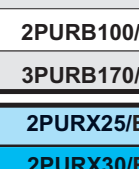
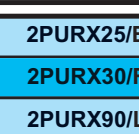
- Exceptional dimensional stability
- Transversal rigidity
- Suited for all types of conveying: transfer of small products, conveying of heavy loads...
- Working on rollers, trough, slider beds, swan neck conveyors...

Positive [HR] round pattern

- Easy to clean
- Low friction drive in humid environment
- Good release capabilities of food residues

Revpro foodstuff belt :

- Efficient protection
- Easy to clean
- Longer service life
- Protection of the polyester fabric carcass

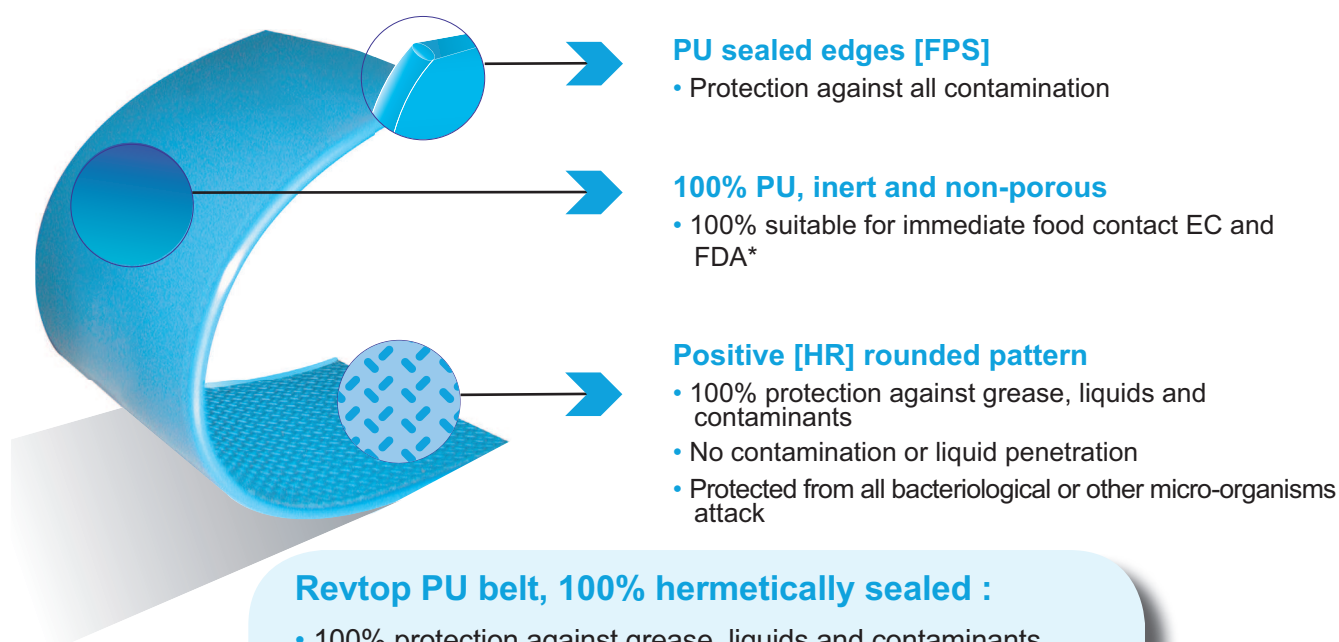
Revpro	Plies	ShA	mm	mm	N/mm	K1%	ømm	ømm
	2	85	1.80	0.25	120	11	25	45
	2	85	2.30	0.40	200	14	50	70
	2	85	3.40	1.00	180	13	100	160
	3	92	5.00	1.70	300	18	180	240
	2	92	1.80	0.25	120	11	25	45
	2	92	2.30	0.35	180	14	60	80
	2	92	3.40	0.90	200	13	100	160

Data given for a temperature of 20°C.
Available in width up to 2000 mm.

* Migration test passed with success according to the EC/1935/2004 regulation and the 2002/72/EC directive.

A reinforced protection

In order to enhance the service life and the level of protection and safety of Revpro belts, we fit these belts with **sealed edges**. The result is a belt hermetical to all external attacks.



Revtop PU belt, 100% hermetically sealed :

- 100% protection against grease, liquids and contaminants
- No contamination or liquid penetration
- Protected from all bacteriological or other microorganisms attack

		Revtop	Plies	ShA	mm	mm	N/mm	K1%	ømm	ømm
		2PURB25/FPS	2	85	1.80	0.25	120	11	25	45
		2PURB40/FPS	2	85	2.30	0.40	200	14	50	70
		2PURB100/FPS	2	85	3.40	1.00	180	13	100	160
		3PURB170/FPS	3	92	5.00	1.70	300	18	180	240
		2PURX25/FPS	2	92	1.80	0.25	120	11	25	45
		2PURX30/FPS	2	92	2.30	0.35	180	14	60	80
		2PURX90/FPS	2	92	3.40	0.90	200	13	100	160

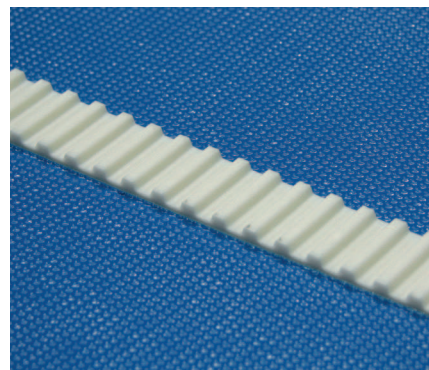
Data given for a temperature of 20°C.
Available in width up to 1500 mm.

* Migration test passed with success according to the EC/1935/2004 regulation and the 2002/72/EC directive.

The + : The Securev belt suited for positively driven conveyors.
The Securev+ belts are equipped with a Kevlar[®]* reinforced TPU timing belt.

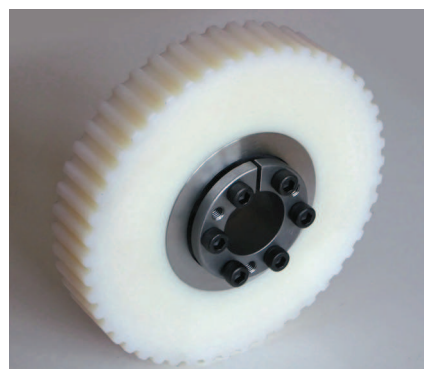
Timing belt :

- 25T10 TPU reinforced with Kevlar[®]*
- Width : 25 mm, pitch : 10 mm**



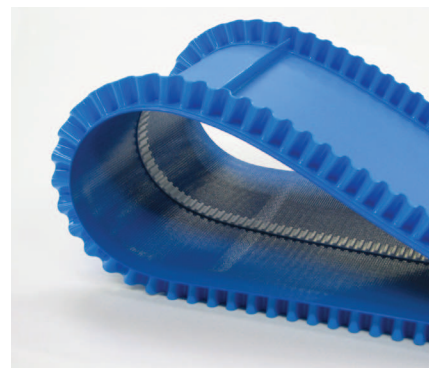
Pulley :

- Special Reveyron teeth cogs
- Width : 28 mm
- Outer diameter : 60 to 200 mm
- In stainless steel, nylon or aluminum
- Various fitting systems available on common shafts on round or square bores and different locking collars systems.



securev[®] belts :

- Maximal width of the belt: 1000 mm
- 100% PU, homologated EC and FDA***, inert and non-porous
- Textile carcass in 100% polyester, multiply
- Positive [HR] round pattern



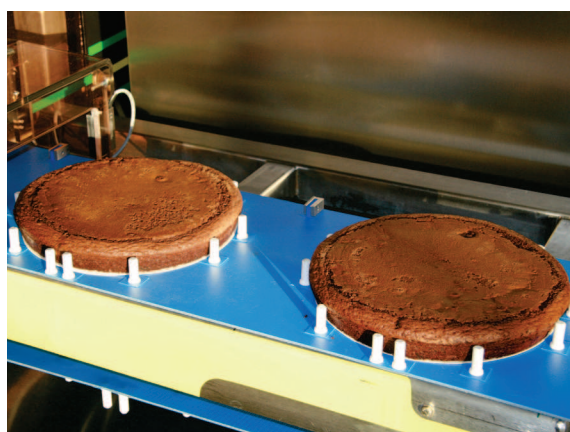
* Kevlar[®] is a trademark of Dupont de Nemours.

** Before welding on the belt.

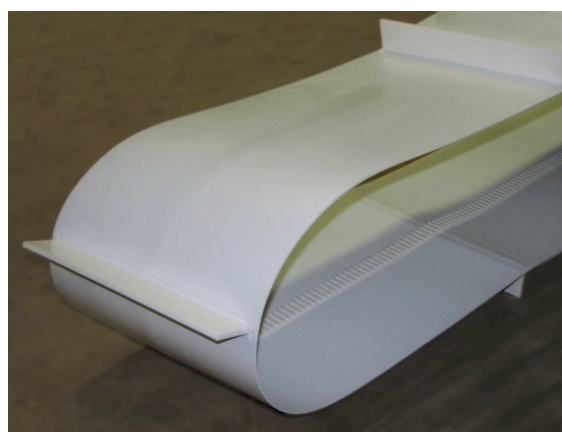
*** Migration test passed with success according to the EC/1935/2004 regulation and the 2002/72/EC directive.

The Securev+ positively driven belt 25T10 guarantees :

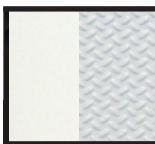
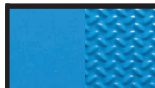
- A perfect drive and tracking, no retensioning
- A step by step functioning : indexing
- A precise positioning of the conveyed products
- No belt stretching
- Managed bacteriological risks
(see *Securev range p. 10-11*)



2PURX90/LHR





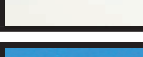


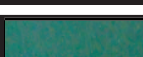
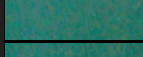
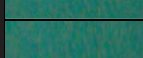
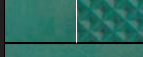

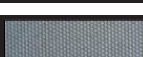


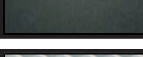



2PURB40/LHR

	Securev+	Plies	ShA	mm	mm	N/mm	K1%	ømm
	2PURB40/LHR	2	85	2.30	0.40	200	14	60
	2PURB100/LHR	2	85	3.40	1.00	180	13	100
	3PURB170/LHR	3	92	5.00	1.70	300	18	200
	2PURX30/FHR	2	92	2.30	0.35	180	14	60
	2PURX90/LHR	2	92	3.40	0.90	200	13	100

Also available in Revtop with [FPS] sealed edges.

Data given for a temperature of 20°C.
Available in width up to 1000 mm.

[PVC and Silicone belts

ARTICLE CODE		Number of plies	Hardness (Sh.A)	Total thickness (mm)	Coating thickness (mm)	Tear strength (N/mm)	1% elongation resistance (N/mm)	Minimum pulley diameter (mm)	Minimum reverse flex diameter (mm)	Acceptable product temperatures	Rigid	Flexible	Matt finish	Antistatic	Low-noise fabric	Impregnated fabric	Foodgrade
	2TG50/EW	2	73	2.00	0.50	130	7	30	50	-5°C +90°C	●					●	●
	2TG70/LW	2	73	2.60	0.70	160	7	50	60	-5°C +90°C	●					●	●
	2TG60/ED	2	74	3.10	0.60	150	8	60	60	-5°C +80°C	●						●
	3TG100/LW	3	74	4.20	1.00	300	11	90	110	-5°C +80°C	●		●			●	●
	2TX50/EW	2	78	2.00	0.50	150	7	30	50	-5°C +90°C	●					●	●
	2TX70/LW	2	73	2.80	0.70	150	7	50	60	-5°C +90°C	●		●			●	●
	2TX60/LD	2	78	3.10	0.60	150	7	60	70	-5°C +90°C	●		●				●
	2TV50/EW	2	78	2.00	0.50	150	7	30	50	-5°C +90°C	●					●	
	2TV50H/CW	2	90	2.00	0.50	150	7	30	50	-5°C +90°C	●		●	●		●	
	2TV70/LC0	2	80	2.60	0.70	200	11	60	100	-5°C +90°C	●		●	●			
	2TV70AS/ED	2	78	2.80	0.70	160	9	60	60	-5°C +90°C	●		●	●			
	3TV100AS/LW	3	74	4.00	1.00	300	11	90	110	-5°C +90°C	●		●	●		●	
	3TV105/LD	3	78	4.20	1.00	300	11	100	140	-5°C +90°C	●						
	2T0-N/LsCW	2	-	2.20	0	160	7	70	80	-5°C +90°C	●			●	●	●	
	2TN55/LsCW	2	78	2.20	0.55	200	9	40	60	-5°C +90°C	●		●	●	●	●	
	MINIGRIP/S	2	45	2.70	0.80	200	8	50	60	-5°C +60°C	●				●		
	GRIP-V/L0	2	55	5.40	4.20	200	12	35	55	-5°C +90°C	●						
	2TVSTR/LCW	2	35	3.00	1.20	180	6	50	60	-5°C +80°C	●			●		●	
Silicone	2SI30I/E0	2	40	1.50	0.30	120	8	35	55	-25°C +110°C	●						
Silicone	VS292	2	64	1.10	0.30	130	5	30	50	-50°C +200°C		●				●	●

New : Some articles are now available in 3 meters width. Please inquire.

Data given for a temperature of 20°C. Up-dated specifications and splicing information are provided in the technical data sheets of the products, available on www.reveyron.com.

[Applications



2TX60/LD

CAROTENE RESISTANT BELTS :

The belt types 2TX60/LD and 2TX70/LW are treated to resist carotene attacks and other colour changing agents. These PVC belts keep their original appearance over several years.



VS292

EXTREME TEMPERATURE RESISTANT BELTS :

This 100% silicone belt has a glass fibre carcass which performs well in extreme temperature applications. It is suitable for deep-freeze processing down to -50°C or at very high temperatures (exit of cooking ovens) up to +200°C.



2TVSTR/LCW

STRUCTURED BELTS:

- GRIP
- MINIGRIP
- STRIE (longitudinal rib)

Use of longitudinal ribbed structure for inclined conveying at angles up to 50° (depending on the conveyed product). Ideal for carrying boxes, cases, paper and light bulk products.

[Polyester mesh belts

These mesh conveyor belts are made from polyester fabric with monofilament warp and weft threads. The mesh spacing and the fabric's permeability can be changed by varying the number, the spacing or the diameter of these threads.

The conveyor belts are primarily used for the filtration, draining and drying of various products.

Mesh :

- Monofilament diameter of 0.9 to 1.2 mm
- Number of filaments/cm from 2 to 5.2
- Air permeability: from 5000 L/m²/s below 200 Pa, to 10000 L/m²/s below 100 Pa
- Tear strength from 55 to 180 daN/cm
- **Minimum pulley Ø : 100 mm** (excluding other fitted profiles)
- Standard width up to 1500 mm
- Large widths available on demand
- **FDA and EC food standards**

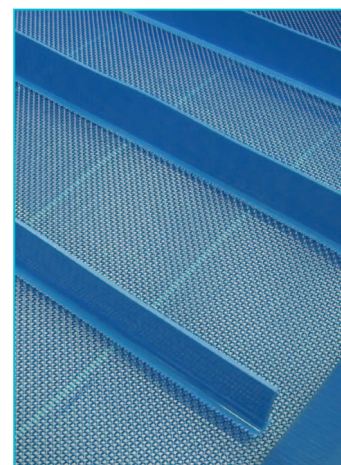


Reinforcements :

- Equipped with a polyester fabric carcass
- Structured bottom cover
- Lateral reinforcements : in PVC from 30 to 70 mm width
- End reinforcements : in PVC of 40 or 60 mm width depending on the joint
- Conveyor belt joint with stainless steel or plastic fasteners, or with simple finger splice

Fabrication possible with :



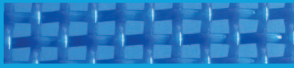


- Compartment sidewalls
- Lateral tracking guides
- Cleats / flights
- White PU fingers





The Reveyron mesh belts guarantee :

- A good dimensional stability
- A very high mechanical resistance
- A low tensile strength

	Article code	Mesh spacing (mm)	Tear strength (daN/cm)
	MA1.1x1.1/XX	1.1 x 1.1	180
	MA1.3x1.7/XX	1.3 x 1.7	125
	MA2x2/XX	2 x 2	125
	MA3x3/XX	3 x 3	125
	MA3.6x4/XX	3.6 x 4	125

[Compart Sidewalls

The ultra-flexible and tough Compart-Sidewalls are today the industrial standard in the belting world. They set up a benchmark in light handling applications. Available in various heights and colours, Compart-Sidewalls are particularly easy to fit.

Compart description :

- 100% urethane material, non porous
- Very high cut resistance
- Very strong mechanical resistance, ideal for heavy duty conveying
- 100% suitable for immediate food contact EC and FDA*
- 100% suitable for welding on PU as well as on PVC belts

Easy handling and fitting :

- Easy joining finish on site
- Clean and precise fitting by hot air or cold-bonding
- Packaged in 100 m rolls on wooden coils

Applications :

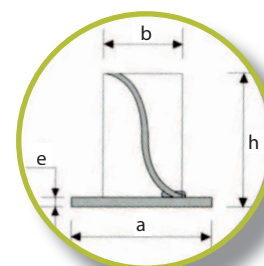
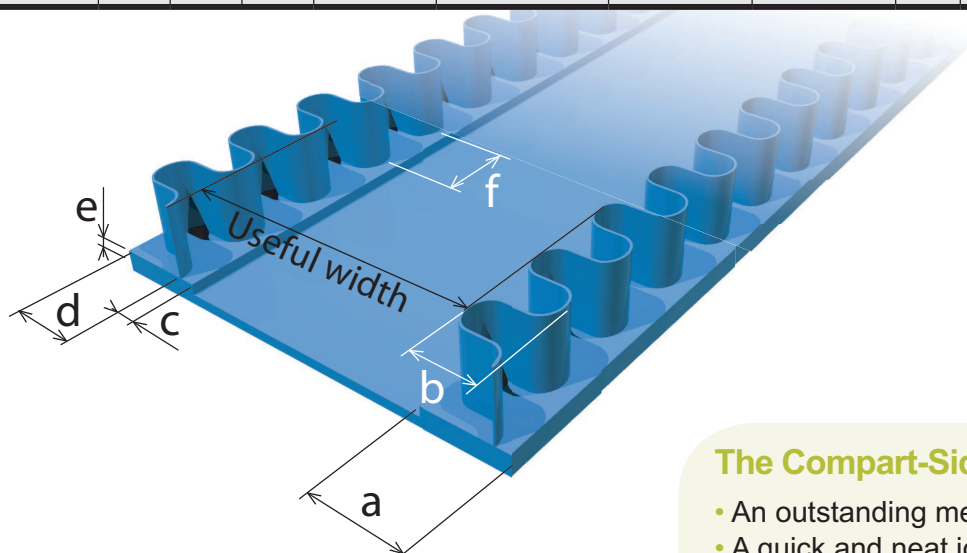
Compart-Sidewall fitted belts are used on the following conveying solutions :

- Inclined conveying : straight or swan neck up to 80° with cleats
- Horizontal conveying : conveying of bulk items and items of various sizes.
- On request : for example, belts equipped with several rows of sidewalls for the recycling industry.



* Migration test passed with success according to the EC/1935/2004 regulation and the 2002/72/EC directive.

Type	Colour			Height (mm)	Min. pulley Ø (mm)	Base width (mm)	Wave width (mm)	Dimensions (mm)				Weight (kg/m)	Hardness (ShA)
	White	Blue	Green			a	b	c	d	e	f		
Compart 20	○	●	●	20	40	30	20	5	25	2,5	23	0,17	85
Compart 30	○	●	●	30	60	30	20	5	25	2,5	23	0,22	85
Compart 40	○	●	●	40	80	30	20	5	25	2,5	23	0,27	85
Compart 50	○	●	●	50	90	60	34	13	47	2,5	40	0,33	85
Compart 60	○	●	●	60	110	60	34	13	47	2,5	40	0,37	85
Compart 80	○	●	●	80	140	60	34	13	47	2,5	40	0,53	85
Compart 100	○		●	100	180	70	34	18	52	3	40	0,63	85



The Compart-Sidewalls provide :

- An outstanding mechanical resistance
- A quick and neat joining finish
- A very long service life
- An EC and FDA food certification

FITTING EXAMPLES WITH CLEATS



Standard fitting



Fitting of cleats
tangent to the
Compart's wave







Fitting of cleats that
connect to the back
of the waves

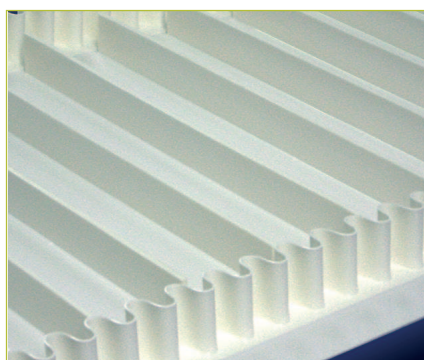
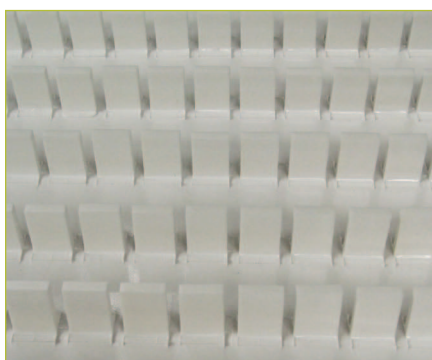


Our Compart-Sidewalls are also available in other materials such as: Polyolefin (for the tobacco industry), or Polyester. We also manufacture PU Compart in specific colours (for example: apple green).

[PU Cleats/Flights





For trapezoidal and rectangular flights: see page 23

	Type	Material	Colour			Hardness (ShA)	Min. pulley Ø (mm)	Dimensions (mm)		Weight (g/m)
			White	Blue	Green			b	h	
	RH30U	PU	○		●	76	100	30	30	380
	RH40U	PU	○		●	76	100	30	40	450
	RH50U	PU	○		●	76	110	30	50	700
	RH60U	PU	○		●	76	120	30	60	950
	RH80U	PU	○			76	120	30	80	1000
	T20 PUR	PUR	○	●	●	92	50	8	20	90
	T30 PUR	PUR	○	●	●	92	50	10	30	150
	T40 PUR	PUR	○	●	●	92	50	10	40	200
	T50 PUR	PUR	○	●	●	92	50	10	50	300
	T60 PUR	PUR	○	●	●	92	50	10	60	350
	SP20PUR6	PUR	○	●	●	85	80	6	20	145
	SP30PUR6	PUR	○	●	●	85	80	6	30	215
	SP40PUR6	PUR	○	●	●	85	80	6	40	290
	SP50PUR6	PUR	○	●	●	85	80	6	50	360
	SP60PUR6	PUR	○	●	●	85	80	6	60	430
	SP80PUR6	PUR	○	●	●	85	80	6	80	570
	SP100PUR6	PUR	○	●		85	80	6	100	740
	SP20PUR10	PUR	○	●		85	120	10	20	240
	SP30PUR10	PUR	○	●		85	120	10	30	360
	SP40PUR10	PUR	○	●		85	120	10	40	480
	SP50PUR10	PUR	○	●		85	120	10	50	600
	SP60PUR10	PUR	○	●		85	120	10	60	720
	SP80PUR10	PUR	○	●		85	120	10	80	960
	SP100PUR10	PUR	○	●		85	120	10	100	1210

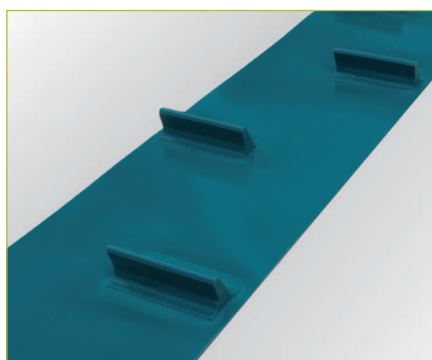


[PVC Cleats/Flights

Our modern High-Frequency welding machines enable us to get precise, strong and perfect welding results.

	Type	Material	Colour			Hardness (ShA)	Min. pulley Ø (mm)	Dimensions (mm)		Weight (g/m)
			White	Blue	Green			b	h	
	RH30	PVC	○		●	67	90	30	30	380
	RH40	PVC	○		●	67	90	30	40	450
	RH50	PVC	○	●	●	67	100	30	50	700
	RH60	PVC	○		●	67	110	30	60	950
	RH80	PVC	○	●	●	67	110	30	80	1000
	RH100	PVC	○		●	67	110	30	100	1400
	T20	PVC	○		●	60	60	20	20	180
	T30	PVC	○	●	●	60	80	24	30	350
	T40	PVC	○	●	●	60	80	24	40	430
	T50	PVC	○		●	60	100	28	50	630
	T60	PVC	○	●	●	60	100	28	60	790
	T75	PVC	○	●	●	60	120	32	75	1100
	T100	PVC	○	●	●	67	120	32	100	1500
	TM 50	PVC			●	-	80	-	50	650
	TM 60	PVC			●	-	80	-	60	780
	TM 75	PVC			●	-	80	-	75	975
	TMI 50	PVC			●	-	80	-	50	650
	TMI 60	PVC			●	-	80	-	60	780
	TMI 75	PVC			●	-	80	-	75	975

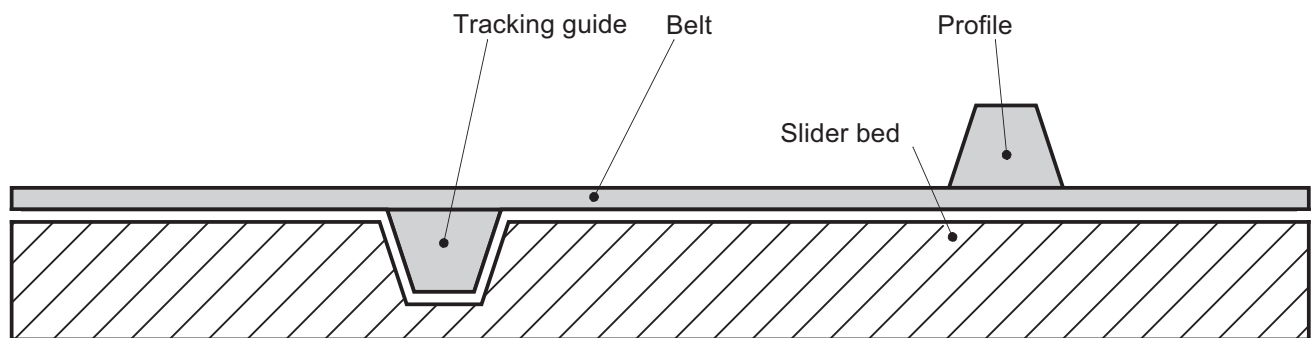
(TM & TMI : white or blue on request)



[Tracking Guides and Profiles

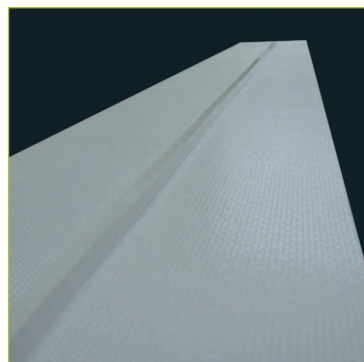
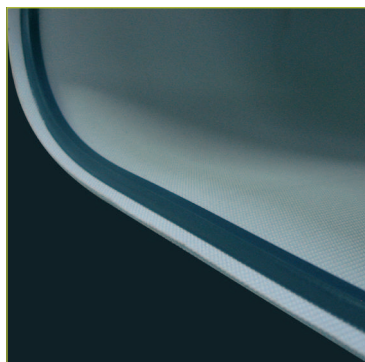
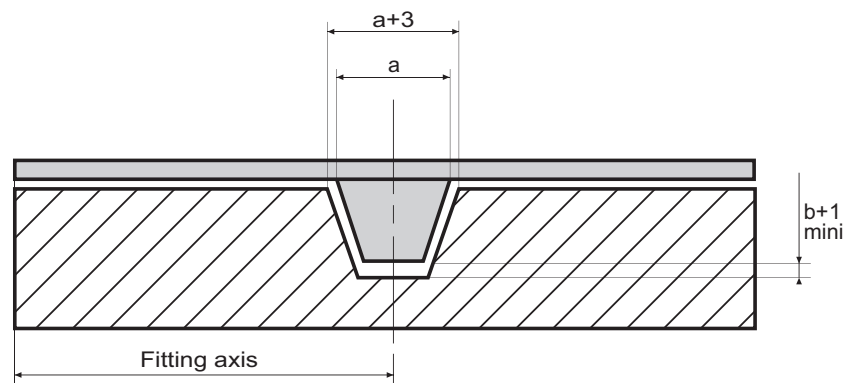
Guides ensure the proper tracking of the conveyor belt and can offset most transversal forces.

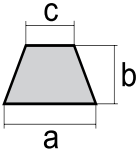
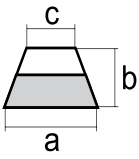

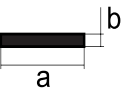
Profiles can replace sidewalls (when conveying products in bulk). Furthermore, they can track belts on swan neck conveyors.



Tracking guides : fitted on the bottom side

Profiles : fitted on top cover



Type	Material	Colour			Hardness (ShA)	Min. pulley Ø (mm)			Dimensions (mm)		
		White	Blue	Green		Underside	Top cover	Transversal	a	b	c
Type TR (trapezoidal)		TR 8/5	PVC	○ ● ●	60	40	60	50	8	5	5
		TR 10/6	PVC	○ ● ●	60	70	80	60	10	6	6
		TR 13/8	PVC	○ ● ●	60	80	120	80	13	8	8
		TR 17/11	PVC	○ ● ●	60	120	150	100	17	11	10
		TR 17/15	PVC	○ ● ●	60	120	180	100	17	15	8
		TR 22/14	PVC	○ ● ●	60	200	240	140	22	14	13
		TR 6/4 PUR	PU	○ ● ●	64	40	-	-	6	4	4
		TR 8/5 PUR	PU	○ ● ●	64	60	80	60	8	5	5
		TR 10/6 PUR	PU	○ ● ●	64	70	90	70	10	6	6
		TR 13/8 PUR	PU	○ ● ●	64	110	130	90	13	8	8
		TR 17/11 PUR	PU	○ ● ●	64	140	160	120	17	11	10
Type TR-CR (notched trapezoidal)		TR 10/6 CR	PVC	○ ● ●	60	45	45	60	10	6	6
		TR 13/8 CR	PVC	○ ● ●	60	60	60	80	13	8	8
		TR 17/11 CR	PVC	○ ● ●	60	100	100	100	17	11	10
		TR 10/6 CR PUR	PU	○ ● ●	64	60	90	70	10	6	6
		TR 13/8 CR PUR	PU	○ ● ●	64	90	100	90	13	8	8
Type R (square)		R 10/10	PVC	○ ● ●	60	120	90	60	10	10	-
		R 10/10	PU	○ ● ●	64	80	120	80	10	10	-
Type R (flat section)		R 20/6	PVC	○ ● ●	60	110	110	-	20	6	-
		R 40/6	PVC	○ ● ●	60	110	110	-	40	6	-
		R 30/2 PUR	PU	○ ● ●	85	120	120	-	30	2	-
		R 40/2 PUR	PU	○ ● ●	85	120	120	-	40	2	-
		R 50/2 PUR	PU	○ ● ●	85	120	120	-	50	2	-
		R 60/2 PUR	PU	○ ● ●	85	120	120	-	60	2	-
		R 40/6 PUR	PU	○ ● ●	85	160	160	-	40	6	-
		R 30/8 PUR	PU	○ ● ●	85	160	160	-	30	8	-

[Urethane fingers

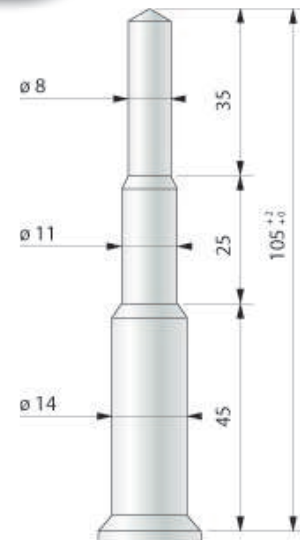
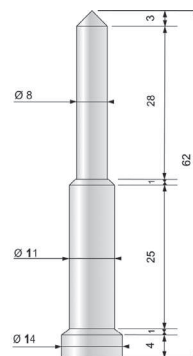


Rods may be used to carry, dry or wash fragile fruits or vegetables.

- Free positioning : in circle or longitudinally
- The height can be adjusted
- Individual HF- welding which ensures precise and strong bonding

Urethane fingers guarantee :

- A good evacuation of the liquids on the belt
- A good flexibility at the contact of fragile products
- A very good cold, tear and mechanical resistance



Type	Height (mm)	Material	Colour	Hardness (ShA)	Min. pulley Ø (mm)	Axis (mm)	Pitch (mm)
D105PURB	105	PU	White	70	90	25 or 35	45
D60PURB	60	PU	White	70	80	25	45
Welding only on TPU top cover, directly on the belt. Specific needs: please inquire.							

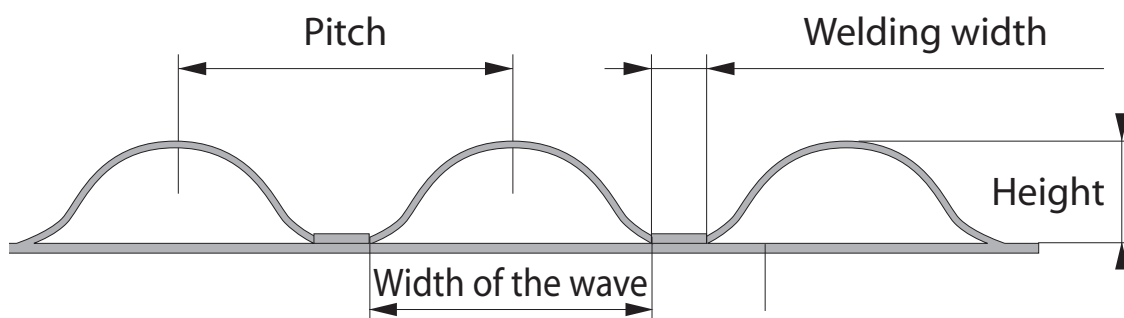
[Waves and customized products



Waves are used to carry fruits and vegetables without damaging them, on flat or slightly angled belts.

A wide choice of :

- Materials : PU and PVC
- Belts : 1 or 2 plies
- Shapes and layouts of the waves (height, width, pitch)



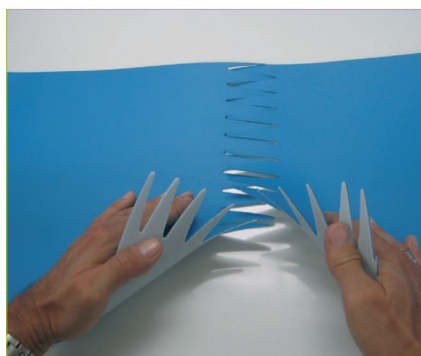
Reveyron offers a wide range of customized fabrication solutions for your conveyor belts :

- Round and oblong hole perforations
- Logo marking
- Optical sorting layouts and other product scanning solutions

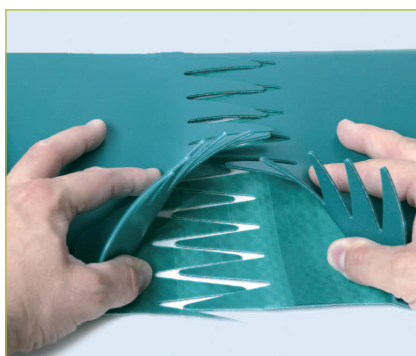
High quality with customized fabrication

[Types of splicing

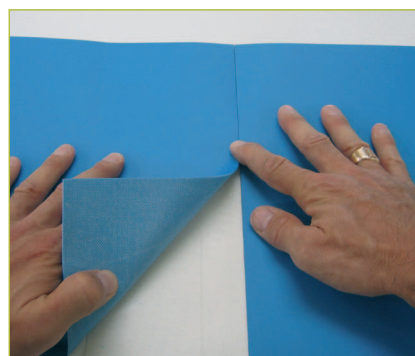
Reveyron is the specialist for jointing or prepared splicing of finger overlap. The fingers are 50 mm long and 20 mm wide.



DS (digital)
Simple finger



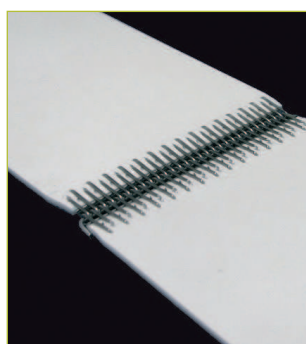
DS/DEC
Finger overlap



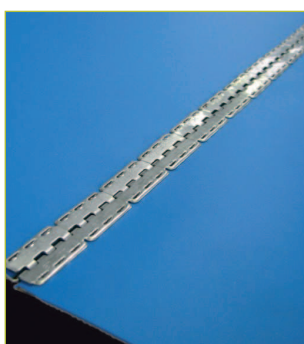
PE
Straight or diagonal step
overlap

No additional material is required to perform a hot splicing with the high quality polymers used in our belts.

[Fasteners



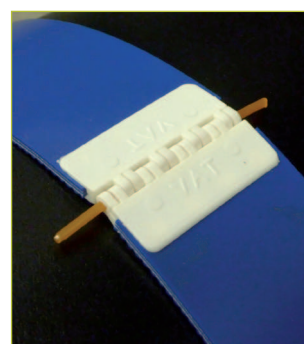
Secura - Sécurinox



SL



**Minibelt - Airport -
Gémini**
(with rivets)



Agrafe-plast

To select the suitable fastener for your belt, please download its data sheet on www.reveyron.com.

[Welding material

Plastorev

Two-component glue delivered with catalyst. Ideal for the cold-bonding of profiles, guides, cleats and belts.

PU foil

Available in blue and white 90 ShA FDA PU. Packed in rolls of 100 m x 100 mm, thickness 0,2 mm. In some cases, reinforcement of the quality of the joint: better visual aspect, higher mechanical resistance, reinforced mechanical protection.

However, Reveyron recommends jointing without welding foil.

TPU powder

Available in white, blue or green FDA and EC* PU. Packed in 1 L powder cans. May be used for a better finish of the joint in terms of visual aspect.

Silicon pad

Available for [HR], D, MINIGRIP, STR, GRIP structures in width of 300 mm. For an optimal reproduction of the pattern under the press.

Teflon fabric

Big grain fabric for jointing diamond and [HR] belts in width of 330 mm. Thinner fabric for glossy finish in width of 350 mm.

Silicon paper roll

1 mat side 200 m x 570 mm. Ideal for mat finishes of the top cover.

Silicon mattress

Available in width of 380 mm. Prevents the distribution of PU on the bottom cover.

Ideal for knife edge conveyors, with a lowered friction coefficient of the fabric at the joint.

Adhesive finger roll

Packed in rolls of 20 meters. For the cutting of fingers on site or in the workshop.

Finger punching tool

Wood matrix with steel blade, for fingers of 50 x 20 mm or 80 x 20 mm.

DS26

Biodegradable cleaning detergent approved for the conveying of foodstuff. Can of 5 L extract for 40 L of preparation. For cleaning use only in belt workshop or on site.

* Migration test passed with success according to the EC/1935/2004 regulation and the 2002/72/EC directive.

[PB100 Ply splitting machine

This machine is specially designed to separate any type of plies on PU or PVC conveyor belt. The precision of this machine allows overlap joints of 1, 2 or 3 steps.

Capacity :

- Maximum belt thickness 7 mm
- Slitting length : 100 mm
- Allows longitudinal split without limit

Construction / Drive system :

- Painted finish
- SEW USOCOME moto-reducer
- Motor : 0.37 kW
- Voltage : 230/400 Volts 50 Hz – 3 phases
- Working speed : 5 m/min

Dimensions :

- Length : 550 mm
- Width : 460 mm
- Height : 320 mm
- Net weight : 65 kg

Adjustments (Visualization by 1/100th mm comparator) :

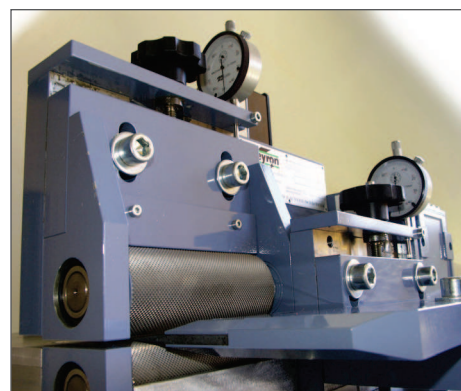
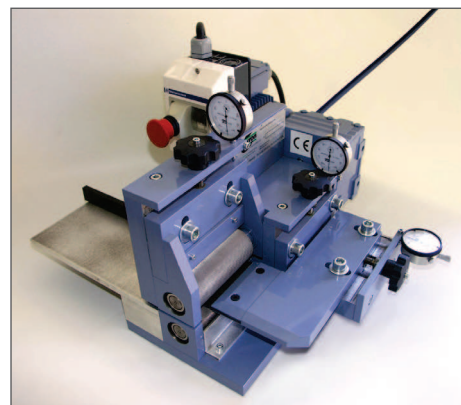
- Rollers spacing
- Blade adjustment
- Blade height
- Cursor for guiding and slitting depth control

Electrical fitting with :

- On/Off switch
- Emergency stop
- Wiring between moto-reducer, switch and emergency stop

Packing :

- Packed in a wooden case



PB100 compact ply splitting machine :

- Very precise ply separation
- Even very thin 2 plied PU belts can be easily separated

[Conveyor belt questionnaire

Belt in place :

Dimensions :

Quantity :
Length (m) :
Width (mm) :
Thickness (mm) :
Number of plies :

Jointed : ☐ YES ☐ NO
Fastened : ☐ YES ☐ NO
If yes, what type of fastener :

Top cover :
Bottom cover :

Antistatic : ☐ YES ☐ NO

Material : ☐ PVC ☐ PU ☐ SILICONE

Equipment :

Tracking guides on bottom cover : ☐ YES ☐ NO
Type and position (mm) :

Tracking guides on top cover : ☐ YES ☐ NO
Type and position (mm) :

Sidewalls : ☐ YES ☐ NO
Colour and Height (mm) :

Cleats / Flights : ☐ YES ☐ NO
Colour and Height (mm) :

Other, specify ☐ YES ☐ NO

☐ WAVES ☐ FINGERS ☐ HOLES

Application :

Conveyed product :

Weight per linear meter (kg/m) :
or Total weight (kg) :

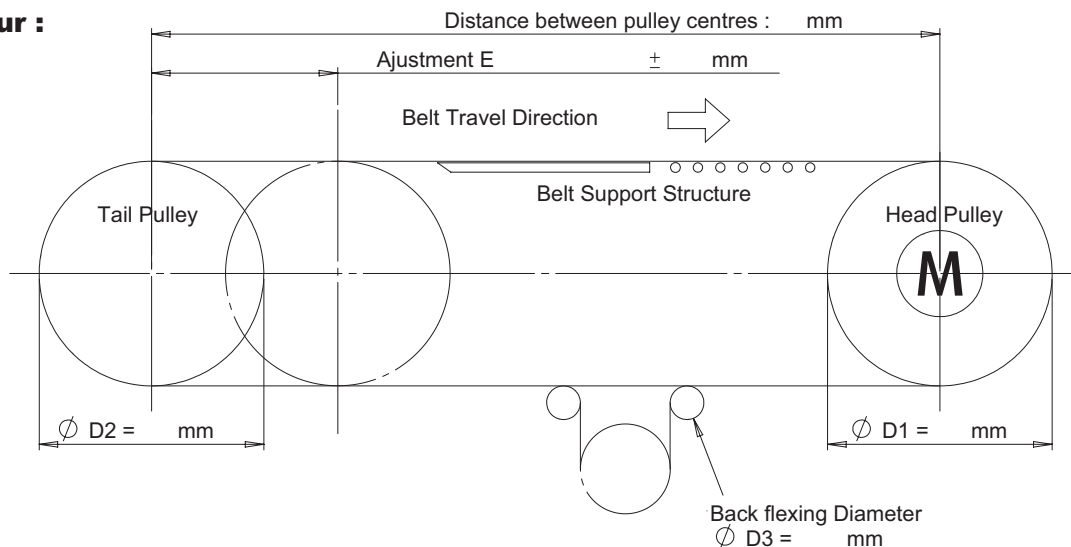
Ambient Temperature (°C) :
Product Temperature (°C) :

Working conditions :

Dry / Clean	Sharp Cuts	Humid
pH	Abrasive	Greasy

Accumulation on belt : ☐ YES ☐ NO
Service time : /7 days and /24 h

Convoyeur :



Incline of conveyor (°) :

Total width (mm) :

Is the drive pulley crowned ? : ☐ YES ☐ NO

Back flexing : ☐ YES ☐ NO

Belt speed (m/min) :
Drive on knife-edge :
☐ Fixed knife-edge ☐ Turning knife-edge

Belt support :

- ☐ Slider bed
- ☐ Rollers
- ☐ Flat
- ☐ Troughed

Type of troughed conveyor :
Incline of trough (°) :

Position of drive :

- ☐ Tail
- ☐ Head

[Main TPU Advantages

The REVEYRON polyurethane conveyor belts offer an ideal solution for the safe and hygienic conveying of food and other industrial products.

Technical characteristics	TPU	PVC (resistant to fat)
Resistance to cold	😊	😞
Resistance to high temperature	😐	😐
Resistance to animal and vegetal fat	😊	😐
Resistance to migration of the components	😊	😞
Resistance to vegetal oils	😊	😞
Resistance to mineral oils	😊	😐
Cut resistance	😊	😞
Abrasion resistance	😊	😞
UV-resistance	😊	😊
Resistance to cleaning agents	😐	😐
Easy to clean	😊	😐
Colour stability	😊	😐

Impact on environment	TPU	PVC
Plasticizers	No	Yes
Colour additives	No (*)	Yes
Halogens	No	Yes
Recyclable	Yes	Yes

* On request

[Belt bend conveyors



Reveyron's belt bend conveyors are essential for ensuring changes of direction on a material handling line.



Reveyron's range includes different types of belt bend conveyors in urethane, with different base technologies available in epoxy paint or stainless steel.



You will find a curved belt conveyor according to your industrial specifications and needs.

We support you with our expertise and knowledge in your belt bend conveyor choice.

For further information, contact us or visit our webpage www.reveyron.com.



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