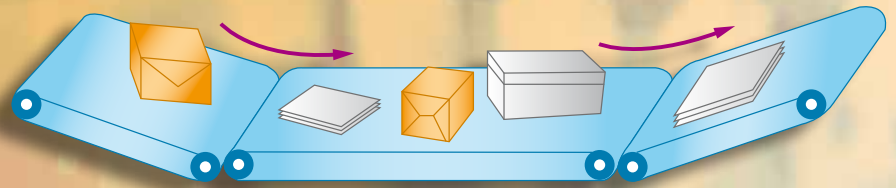


## RUBBER & PVC conveyor belts



... to handle individual items

### RANGE (thickness 2 to 7 mm)

**HONEYCOMB PATTERN RUBBER**  
To convey items on a steep incline

- **LIFT** (standard black, grease resistant black, beige)
- **GRIP** (standard black, grease resistant black, beige)

**THIN RUBBER CONVEYOR BELT**  
To convey cardboard

- **CARTON**

**COTTON CONVEYOR BELT**  
To convey rubber items

- **COTTON** (rubber or silicone)

**THIN SOLID WOVEN PVC BELTS**

- **PACK**

indi



## THE INDI RANGE OFFERS 4 TYPES OF CONVEYOR BELT:

- MULTIPLY RUBBER BELTS, **LIFT & GRIP** WITH HONEYCOMB PATTERNS TO CONVEY ITEMS ON A STEEP INCLINE.

The top cover has a honeycomb pattern, the bottom side is bare without rubber coating.

The honeycomb pattern is engineered to convey items on a steep incline. This surface is highly adhesive to elevate loads efficiently.

Two types of cover patterns are available. **LIFT** has a cellular honeycomb pattern and **GRIP** has a woven honeycomb pattern. Both covers are available in a choice of rubber coatings; Black A, Black G, Beige as shown below:

	<b>LIFT</b>						<b>GRIP</b>					
<b>Applications*</b>	LIFT A Standard items (1)		LIFT G Oily items (2)		LIFT BEIGE Clean items (3)		GRIP A Standard items (1)		GRIP G Oily items (2)		GRIP BEIGE Clean items (3)	
<b>Bottom cover</b>	No coating						No coating					
<b>Top cover properties</b>												
Abrasion (mm <sup>3</sup> )	130		165		<220		130		165		<220	
Shore hardness A	60 +/- 5		60 +/- 5		50 +/- 5		60 +/- 5		60 +/- 5		50 +/- 5	
Grease resistance	no		yes		no		no		yes		no	
Pattern type	Cellular honeycomb 						Woven honeycomb 					
Cover thickness	3						3					
Tensile strength	250N/mm	400N/mm	250N/mm	400N/mm	250N/mm	400N/mm	250N/mm	400N/mm	250N/mm	400N/mm	250N/mm	400N/mm
Ply (EP)	2	3	2	3	2	3	2	3	2	3	2	3
Total thickness	6 mm	7 mm	6 mm	7 mm	6 mm	7 mm	5,8 mm	6,8 mm	5,8 mm	6,8 mm	5,8 mm	6,8 mm
Temperature	-20° to +70°C						20° to +70°C					

Product denomination: **LIFT 400/3-1450-G**

**LIFT:** top cover with cellular honeycomb pattern

**400:** tensile strength 400N/mm

**3:** 3 plies

**1450:** belt width in mm

**G:** grease resistant top cover

\* Examples:

(1) Bags, boxes, tins, wood, metal pieces (non greasy)

(2) Metal sheets, manufacturing components

(3) Sea products, pharmaceuticals, perfume

- CONVEYOR BELT OR SPECIFIC DRIVING BELT FOR THE CARDBOARD INDUSTRY: **CARTON**

The carcass is made of 3 cotton/polyester plies separated by rubber interlayers. The top textile cover is coated with a clear non-slip rubber that avoids marking the items being carried.

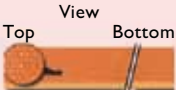

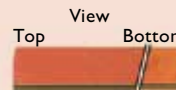
The bottom cover has a coating designed to enable free running on idlers or on a slide bed.



Properties	<b>CARTON</b>
Type of conveyed products	Cardboard or PVC packages
Plies	3
Carcass type	Cotton/Polyester
Tensile strength	200N/mm
<b>Cover thickness</b>	
Top	3 mm
Bottom	Coating 0,5 mm
Total thickness	7 mm
Temperature	0°C à +50°C

• COTTON BELTS FOR THE RUBBER INDUSTRY: **COTTON**

Cotton range belts have 3, 4 or 5 cotton plies, with no interlayers. Depending on the type of use, these belts can be coated with either beige or red rubber covers (C=0.5mm cover) or stay bare (B=bare). Cotton range belts are usually used to convey crude or vulcanized rubber pieces.

	COTTON C+C			COTTON B+B	COTTON SIL C+B
Applications*	Diverse use (1)			Tyre industry (2)	Tyre industry (3)
Top cover, thickness, colour	Rubber 0,5 mm - Red			Without covers - Beige	Silicone 0,5 mm + rubber base 1 mm - Red
Bottom cover	Rubber coated			Without covers	Without covers
Ply(resistance 80N/mm/ply)	3	4	5	3	3
Total thickness (mm)	3,6	4,8	6	3,8	3,5
Temperature	-20°C to +70°C			-20°C to +70°C	-30°C to +110°C
Sketches					

Product denomination: **COTTON 240/3-1000-SIL C+B**

**240:** tensile strength 240N/mm

**3:** 3 ply

**1000:** belt width in mm

**SIL C:** with 1.5 mm coating (0.5 mm of silicone on a 1 mm rubber base)

**B:** bare bottom cover

\* Examples:

- (1) Used in numerous and diversified industries. Its main benefit is its dense structure enabling a high resistance to fastening while being a lightweight belt.
- (2) Used in the tyre industry to handle crude rubber in cold to average temperatures
- (3) Used in the tyre industry to handle crude rubber or finished hot products

• SOLID WOVEN THIN BELTS WITH OR WITHOUT PVC COATING NAMED **PACK**, to convey all types of items and packages. This belt is mostly engineered for the postal services.

Properties	PACK Range	
Type of conveyed products	All types	
Carcass	Highly resistant solid-woven polyester/cotton warp PVC impregnated	
Types of covers		
Top	Without = B, With = C	
Bottom	Without = B, With = C	
Cover thickness (if any)	≈ 0,5 mm	
Tensile strength	250N/mm	315N/mm
Total thickness (mm) C+C	3,2	3,4
Total thickness (mm) C+B	2,7	2,9
Total thickness (mm) B+B	2,2	2,4
Grease/fat resistant	Yes	
Temperature	0°C to +50°C	

Product denomination:

**PACK 250/1-1450-C+B**

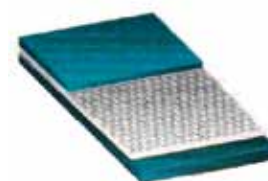
**250 :** tensile strength 250N/mm

**1:** 1 ply

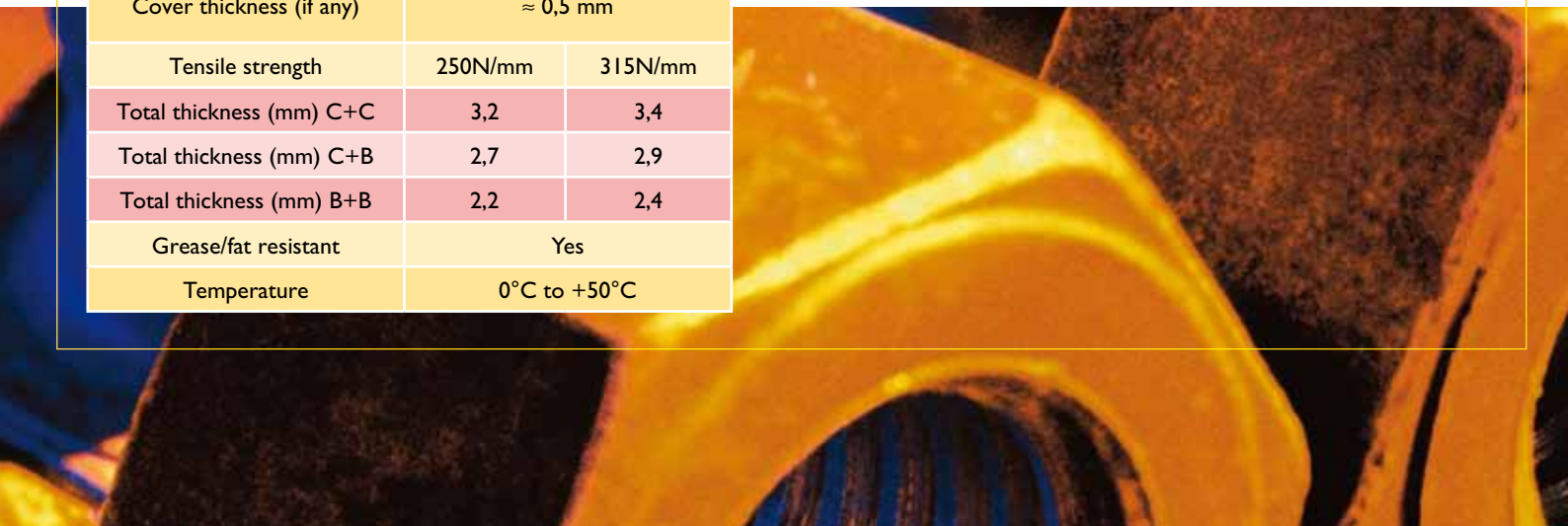
**1450 :** belt width in mm

**C:** top with covers to 0,5mm

**B:** bare bottom cover



Example:  
PACK 250/1-1450-C+C







Conveyor belts for the mining, tunnelling, quarries and heavy-duty processing industries.



Conveyor belts for the agriculture and food processing industries



Conveyor belts for transporting of individual items and the packaging industry



Components to optimise the operation of conveyor systems. Mechanical belt fasteners, electronic roll identification system with early detection of belt failure. Belt cleaning equipment, tools & loading stations.



CASA FONDATA NELL'ANNO 1913

**Mossier**

Vulcanising presses



## HIGH PERFORMANCE LOGISTICS & SERVICES YOU CAN RELY ON

With a main logistics platform in Lille (France), offices and storage facilities in Poland, U.S.A and Australia we can provide our clients with :

- A wide range of stock belting specifications
- Cutting services to customised belts width and length
- Pre-drilling of elevator belts on request
- Buckets for elevator belts together with related fastening and installation equipment (eg: bolts, clips...)
- A “one stop shop” for conveyor belt related products such as splice kits, glues, mechanical fasteners, idlers, loading stations, belt cleaners, vulcanising presses...
- Short delivery periods
- Most importantly a high quality technical service and support at all times.

**INDI is part of the COBRA GROUP.**

**For further information on Indi or the Cobra Group activities please contact your closest Cobra subsidiary or our head office:**

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