



BELTRIS

is a brand of conveyor belts that combines high product quality with affordable pricing. Thanks to its optimal price-to-quality ratio, these belts are one of the best solutions for companies seeking reliability, durability, and efficiency. Beltris products are widely used in the food and light industries, ensuring stable operation of transport systems and meeting the needs of even the most demanding customers. The BELTRIS conveyor belt range includes: Belts made of PVC, polyurethane, and polyolefins Smooth and textured surfaces Frost-resistant, grease-resistant, and wear-resistant belts Chevron belts made of PVC/PU Corrugated sidewalls made of PVC/PU PVC/PU guiding profiles.

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- ✓ Chevron belts made of PVC/PU
- ✓ Corrugated sidewalls made of PVC/PU PVC/PU
- ✓ PU guiding profiles

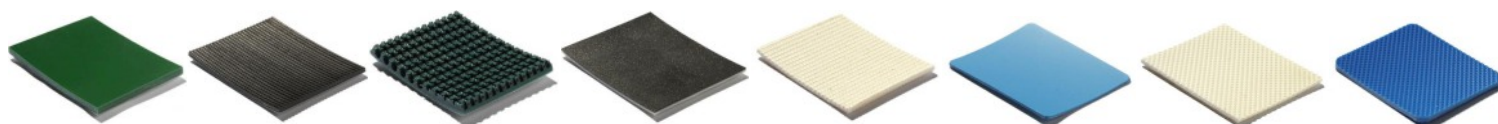
Food application

- Confectionery factories
- Bakeries
- Dairies
- Meat plant
- Pharmaceuticals and cosmetics
- Sorting and transportation of food and vegetable
- Production and packaging of pasta, cereals and the other bulk solids

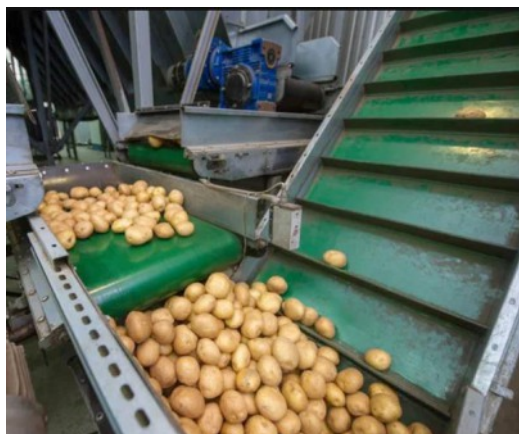
Non-food application

- Cash boxes of supermarkets
- Production of packaging products
- Paper and cardboard industry
- Polygraphy, printing houses, print production
- Agriculture
- Textile mill, weaving factories
- Woodworking and furniture production
- Production of building materials
- Metalworking, metal products
- Recycling plastics, manufacture of plastic products
- Logistics centers, airports
- Waste processing plants

- ✓ A large assortment of type of belts: abrasion resistant, greaseproof, waterproof, smooth and structural, belts for refrigerated tunnels, belts with the surface that doesn't stick, etc.;
- ✓ Thickness from 0,7mm to 6mm;
- ✓ Belts for small shafts and knife stairs;
- ✓ A wide variety of upper and lower surface structure
- ✓ A large choice of additional accessories: chevrons, corrugated boards, guide profiles and etc.;
- ✓ An opportunity to weld in the ring by using the method of hot vulcanisation or by mechanical connection;
- ✓ Availability of SES and DSTU certificates.



PVC/PU belts with membranes and corrugated boards



The usage of belts with chevrons and corrugated boards

This type of belts is used during the vertical transportation of any kinds of products at all stages of production. Moreover, they are used on any kind of conveyor: horizontal, vertical, with variable geometry, L-shaped, Z-shaped etc.

The technology of manufacturing belts

The membranes and corrugated board are welded to the SHF machine with high-frequency current without usage of glue and other auxiliary means that allows you to use belts in the food industry. The process by its own nature is similar to the metal welding that provides very reliable fastening of accessories which are being welded to the belt.

Advantages of this technology

An undoubted advantage of this technology is the versatility. We can place weldable accessories of any size at any point on the belt with any pitch on our special equipment, etc. The belt will fully meet an individual customer's sketch. Furthermore, the absence of glue allows to reduce to a minimum the process of production even to several hours.



EM 8/2 00+0.5PN/2 White

Code	Designation
EM	Type of fabric: EM - polyester EM - cotton
8	Load at 1% elongation, N/mm
2	The number of layers of fabric
00	Lower coverage: 00 - impregnated fabric (polyester) PN - negative pyramid RG- rice grain
0.5	Thickness of topcoat, mm
PN	Structure of topcoat 00 - impregnated fabric (polyester) G - gloss M - matt PN - negative pyramid, "waffle" LG - LineGrip, longitudinal grooves RG - rice grain SG - SuperGrip, "grass" F- felt
2	The total thickness of the belt, mm
W	Colour W - white Black Blue AG - green BL - dark green
AS	Anti-static equipment (is being triggered by the metal detector)

Technical characteristics of PVC/PU belts

Name	The number of layers of fabric	The total thickness, mm	Thickness of topcoat, mm	Hardness	Topcoat
EM 8/2 00+0.5/2 AG AS	2	2	0,5	75	glossy
EM 8/2 00+0.5/2 Black M AS	2	2	0,5	75	matt
EM 8/2 00+4.0SG/5.6 BL AS	2	5,4	3,8	45	supergrip
EM 8/2 00+1.0LG/2.7 Black AS	2	2,7	1	45	linegrip
EM 8/2 PN+0.8/3 AG	2	3	0,8	65	glossy
EM 12/2 00+1.0G/3 AG AS	2	3	1	75	glossy
EM 12/2 00+1.0/3 Black M AS	2	3	1	80	matt
EM 12/2 00+2.0/3.5 AG AS	2	3,5	2	80	glossy
EM 15/3 00+1.0/4 AG AS	3	4	1	75	glossy
EM 5/1 00+F/2.9 White	1	2,9	-	-	felt
EC 8/2 0+0/1.8 White	2	1,8	-	-	cotton
EM 8/2 00+0.5/2 White AS	2	2	0,5	65	glossy
EM 8/2 00+0.5PN/2 White	2	2	0,5	80	pn
EM 12/2 00+1.0/3 White AS	2	3	1	80	glossy
EM 12/2 PN+0.8/3 White	2	3	0,8	65	glossy

PVC belt



Load at 1% elongation, N/mm	Lower coverage	Dmin,mm	Dmin, reverse rounding	Working temperature	Colour	Food access	AS
8	polyester	30	50	-5+80	green	-	+
8	polyester	30	50	-5+80	black	-	+
8	polyester	60	90	-5+80	green	-	+
8	polyester	55	65	-5+80	black	-	-
8	pn	50	60	-5+80	green	-	-
12	polyester	50	60	-5+80	green	-	+
12	polyester	50	60	-5+80	black	-	+
12	polyester	80	90	-5+80	green	-	+
15	polyester	100	150	-5+80	green	-	+
5	polyester	40	60	-5+80	white	+	-
8	cotton	25	30	-5+80	white	+	-
8	polyester	30	50	-5+80	white	+	+
8	polyester	30	50	-5+80	white	+	+
12	polyester	50	60	-5+80	white	+	+
12	pn	50	60	-5+80	white	+	-

Technical characteristics of PVC/PU belts

Name	The number of layers of fabric	The total thickness, mm	Thickness of topcoat, mm	Hardness	Topcoat
EM 5/1 00+0.25M/0.7 PU W AS	1	0,7	0,25	85	matt
EM 10/2 00+0.3G/1.3 PU W AS	2	1,3	0,3	85	glossy
EM 10/2 00+0.3M/1.3 PU W AS	2	1,3	0,3	85	matt
EM 10/2 00+RG/1.5 PU Blue AS	2	1,5	0,5	85	RG
EM 12/2 00+0.5/1.5 PU Blue M AS	2	1,5	0,5	93	matt
EM 12/2 00+0.5PN/1.7 PU Blue AS	2	1,7	0,5	85	PN
EM 12/2 00+1.0M/2 PU W AS	2	2	0,6	85	matt
EM 12/2 RG+0.6/2.5 PU W	2	2,5	0,6	93	glossy
EM 12/2 00+00/1.7 PU W AS	2	1,7	-	-	poliester

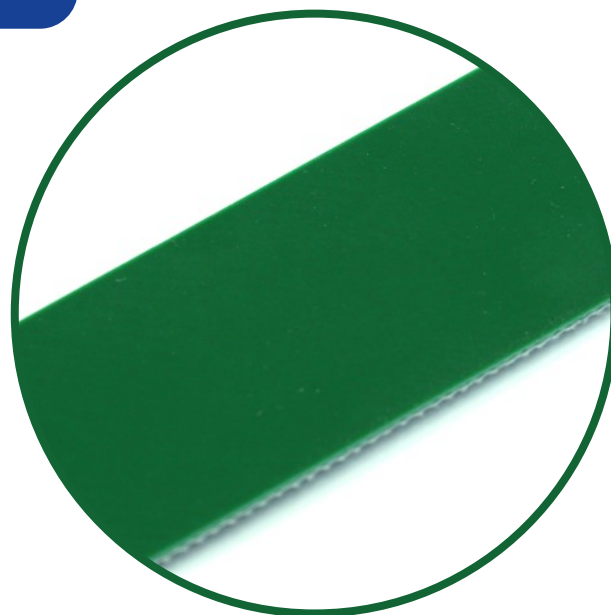
PU belt



Load at 1% elongation, N/mm	Lower coverage	Dmin,mm	Dmin, reverse rounding	Working temperature	Colour	Food access	AS
5	poliester	6	20	-20+80	white	+	+
10	poliester	10	20	-20+80	white	+	+
10	poliester	10	40	-20+80	white	+	+
10	poliester	30	50	-20+80	blue	+	+
12	poliester	30	50	-20+80	blue	+	+
12	poliester	30	50	-20+80	blue	+	+
12	poliester	40	70	-20+80	white	+	+
12	RG	50	70	-20+80	white	+	-
12	poliester	25	30	-20+80	white	+	+

The PVC belt

for the general purpose with an increased resistance to abrasion and cuts



Technical characteristics

The number of layers of fabric	2
Transverse thread	Rigid
The total thickness	2 mm
Efforts at 1% elongation	8 N/mm
Topcoat	PVC
Thickness of topcoat	0,5 mm
Hardness of topcoat	75A
Structure of topcoat	smooth, glossy, adhesive
Lower coverage	Polyester
Colour	Green
Working temperature	+5 +80 °C
Weight	2,3 kg/m ²

Minimum permissible diameters of shafts

Direct rounding	30 mm
Reverse rounding	50 mm

Working conditions



Work on rollers



Work on the table



Transportation in a trough



Transportation overleaf the belt

Properties



Anti-static



Food access



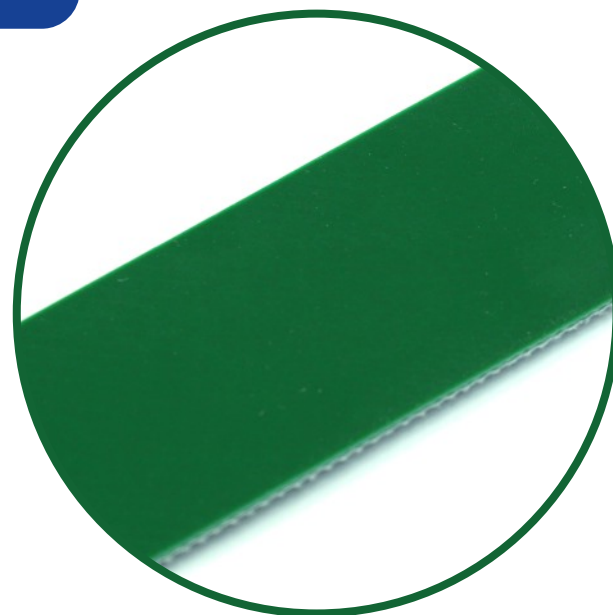
Resistance to fats



Non adhesive seam

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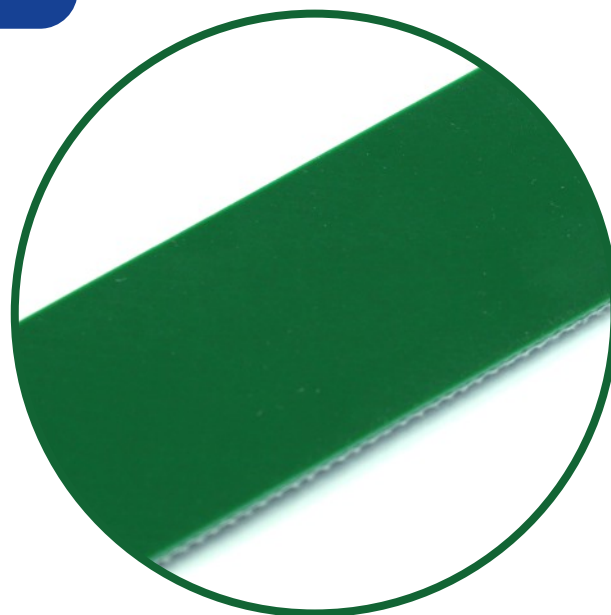
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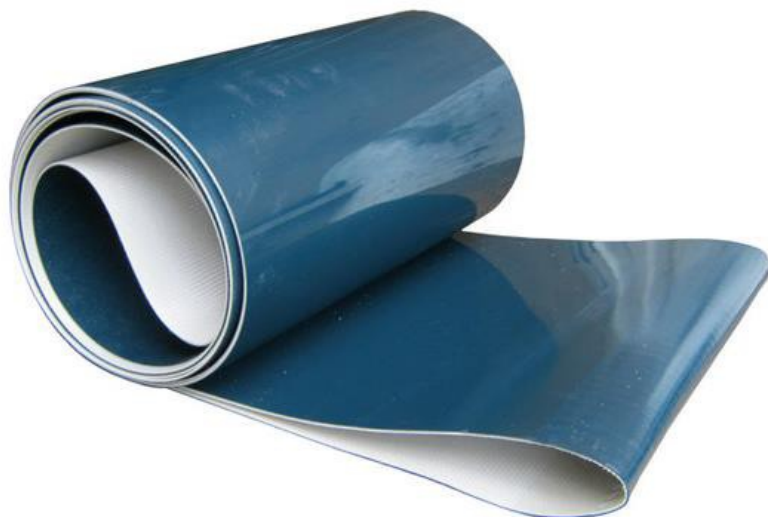


Resistance to fats



Non adhesive seam

by the method of hot vulcanisation on the professional equipment



using mechanical connections with n/g and galvanised steel

MLT
MONTAZOWA LANCOWA TECHNOLOGIA

FLEXCO



by the method of hot vulcanisation at the client's enterprise





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