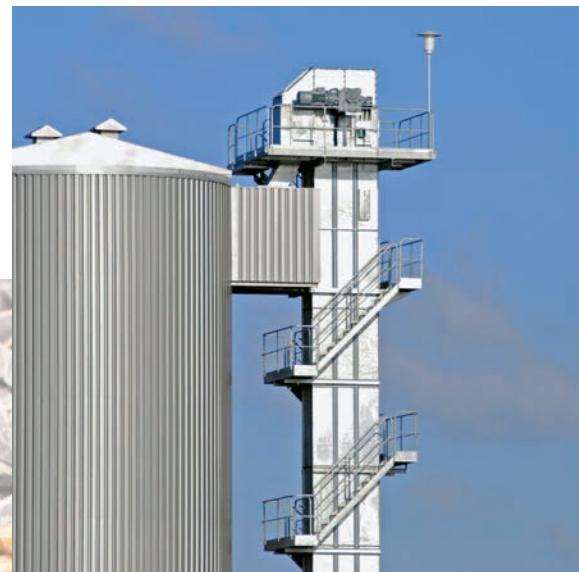


esbelt.com



Espot Series

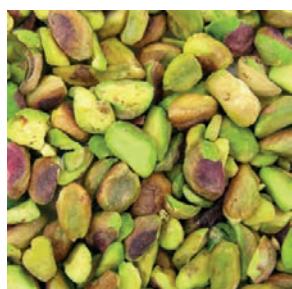
NON-TOXIC belts (FDA and EU 10/2011) for the conveyance and elevation of food or animal feed with oils.



ESPOT series

Main characteristics:

- Double white PVC cover.
- Non-toxic/food grade, in accordance with FDA and EU regulation 10/2011.
- Resistant to vegetable oils.
- Antistatic in accordance with ISO standard 284.
- Flexible weft.
- Multi-layer structure for a more even spread of tension converging on the belt.
- 100% polyester fabrics pretensioned and thermofixed that maintain mechanical strength and withstand high working loads in difficult working conditions (moisture, temperature, overloads).

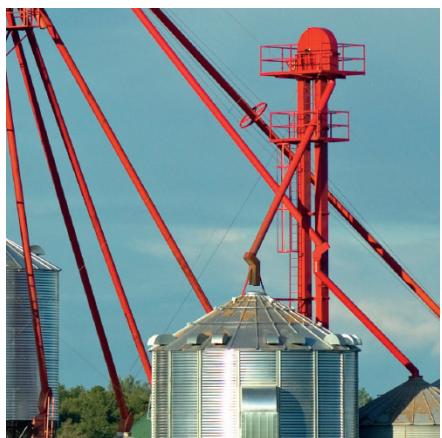


Applications:

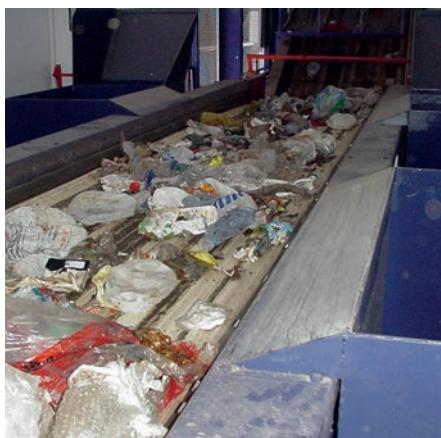
Thanks to their high mechanical performance and resistance to tearing and vegetable oils, they are recommended in applications such as:

- Bucket elevators.
- Troughed conveyance of bulk products.
- Recycling of organic waste.
- Conveyance of oleaginous food products such as fish, meat, cereals and animal feed.
- Live roller drives.

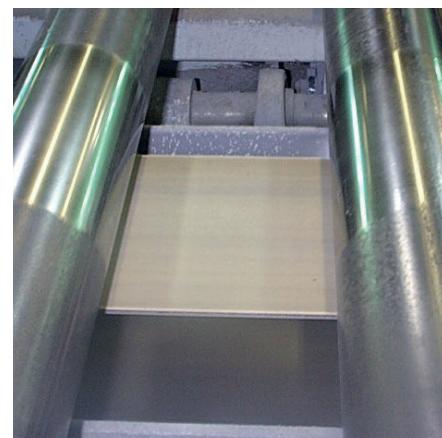




ESPOT 81CC in bucket elevators.



ESPOT 40CC in a recycling plant conveying solid waste.



ESPOT 30CC. Live roller drive.

Advantages

High transverse flexibility.

Excellent adaptation to troughs up to 35°.

Different profiles can be applied, optimising the load volume on inclined conveyors.

PVC resistant to oils and fats, acid and alkaline solutions (not recommended for ketones and aromatic hydrocarbons). Optimum for moist atmospheres.

NON-TOXIC belts, meeting all FDA and EU regulation 10/2011.
Antistatic, in accordance with ISO standard 284.

Multi-layer polyester fabrics for a more even spread of tension converging on the belt.

High dimensional stability.

Benefits

GREATER LOAD CAPACITY

SAVINGS*

Longer lasting than standard rubber or PVC belts (up to 2.5 times longer).

SAFETY for end users and plant workers:
No migration of toxic derivatives to the conveyed product.
Avoids electrostatic buildup.

REDUCED STOPPAGE AND MAINTENANCE especially in bucket elevators, no need for constant retensioning.

Example: Animal feed factory, product reception elevator.

Bucket elevator	Approx. life span*	Belt adjustment (tensing and cutting)
Monopoly or Rubber belt	30 months	5 operations
ESPOT 81CC belt	75 months	1 operation

* In adequate maintenance conditions: lagged drums, speed sensors, no start-up while full loaded.



Type	Top cover			Bottom cover			Special characteristics	Constant temperature °C	Fabrics		Total thickness mm	Total weight Kg/m ²	A Ø mm	at 20°C Ø mm	B Ø mm	Working load at 1% elong. N/mm	Max. roll width mm
	Material	Colour	Thickness mm	Material	Colour	Thickness mm			Nº of plies	Weft							
ESPOT 20CC	PVC	White	1,00	PVC	White	1,00	FDA EU	○ ⊖ ⊖ ⊖	-15 +80	2	Flexible	4,30	5,20	140	140	20	2000
ESPOT 30CC	PVC	White	2,00	PVC	White	1,00	FDA EU	○ ⊖ ⊖ ⊖	-15 +80	3	Flexible	6,20	7,70	200	250	30	2000
ESPOT 40CC	PVC	White	2,00	PVC	White	1,00	FDA EU	○ ⊖ ⊖ ⊖	-15 +80	4	Flexible	7,40	9,20	300	350	35	2000
ESPOT 81CC	PVC	White	1,00	PVC	White	1,00	FDA EU	○ ⊖ ⊖	-15 +80	3	Flexible	7,80	9,60	400	400	65	2000
ESPOT 90CC	PVC	White	2,00	PVC	White	1,00	FDA EU	○ ⊖	-15 +80	3	Flexible	9,00	11,20	400	500	75	2000



ESPOT 20CC Inclined conveying in pineapple processing.



ESPOT 20CC with X profiles in a waste plant.



Troughed conveyance of filberts.



ESPOT 20CC troughed conveyance of chemical product.

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