

50 YEARS  
1970-2020



 **esbelt**  
Conveyor belts



esbelt.com



## Spot 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.





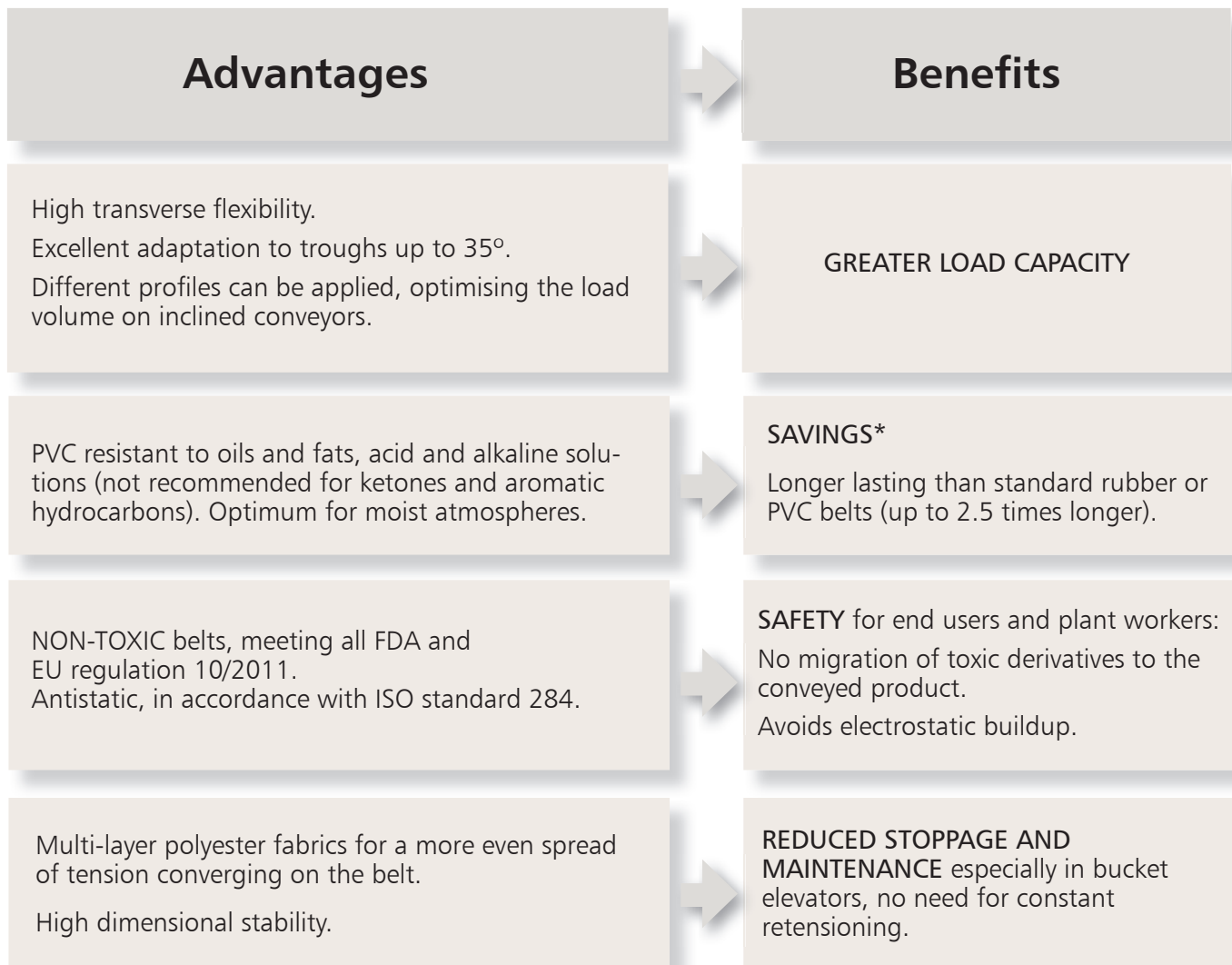
ESPOT 81CC in bucket elevators.



ESPOT 40CC in a recycling plant conveying solid waste.



ESPOT 30CC. Live roller drive.
















**Example: Animal feed factory, product reception elevator.**

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

\* 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 <sup>2</sup>	at 20°C		Working load at 1% elong. N/mm	Max. roll width mm
	Material	Colour	Thickness mm	Material	Colour	Thickness mm			N° of plies	Weft			A Ø mm	B Ø mm		
ESPOT 20CC	PVC	White	1,00	PVC	White	1,00	FDA EU   	-15 +80	2	Flexible	4,10	5,00	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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