



# POULTRY BELTS

BANDAS AVÍCOLAS

## TECHNICAL DATASHEET

### TRANSVERSE ELEVATOR HEN MANURE BELT

BV19 MODEL

Our Cross-elevation Conveyor Belt for Egg-laying Hen Manure is made of PVC. After polyethylene and polypropylene, PVC is the world's third-most widely produced synthetic plastic polymer. PVC is produced in two general forms:

- As a rigid or unplasticized polymer – RPVC or uPVC – or
- As a flexible plastic

The one being used for our product offers greater elongation resistance, as compared to competing ones. It is a PVC-coated polyester fabric belt whose total thickness is 3.0 mm. Our products are manufactured from high quality 100% virgin raw materials.

Given that we manufacture all widths (up to 60 cm, thicknesses 3.0 mm), we can provide service and work with all the market players. All the belts manufactured have received UV treatment. Even so, it is unadvisable to leave the side row belts of open-sided poultry houses directly exposed to the effects of sunlight with no curtains or sunscreen, as direct and continuous exposure to the sun's rays can cause their premature aging.

This type of belt can withstand temperatures from -15° to 80° Celsius. Transverse Elevator Poultry Manure belt come in green only.

All belts are made in Spain and are fully compliant with the European Union extensive legislation.

Our warehouses are located in Spain and Mexico. Jumbo coils can be cut and shipped all over the world in 24 hours - depending on available stock and applicable restrictions - in the required width, length, and thickness with no minimum purchase.



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**MADE IN SPAIN**  
European Quality

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### BV19 MODEL:

Polyester

### Product description:

Our BV19 product shows high rigidity, and very high impact properties in the environment, and at subzero temperatures, good dimensional stability, excellent creep and strain resistance.

### Product Features:

Properties	Value	Unity
Total thickness	3.0	mm
Nº of Fabrics	2	
Weight	3.0	kg/m2

#### (1) Top Cover

Thickness	0.50	mm
Material and Finish	PVC/Smooth	
Hardness	85	ShA

#### (2) Middle Cover

Material	PVC	mm
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#### (3) Bottom Cover

Thickness	0.70	ShA
Material and Finish	PVC/Engraving K	
Hardness	90	

#### Von Mises yield criterion N/mm

Breaking load	120	N/mm
Workload of 1 % elongation	10	N/mm
Workload of 1.5 % elongation	15	N/mm

