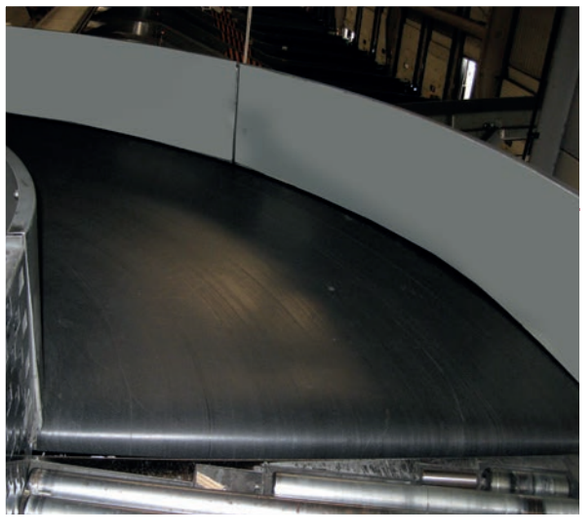
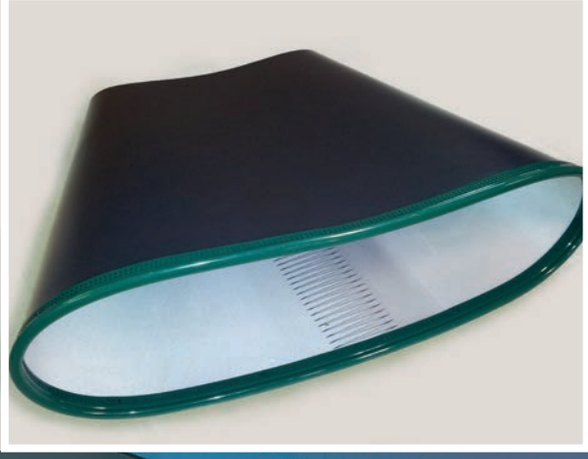
50 YEARS 1970-2020



esbelt
Conveyor belts



esbelt.com

ISO 9001:2015

Belts for curved conveyors.

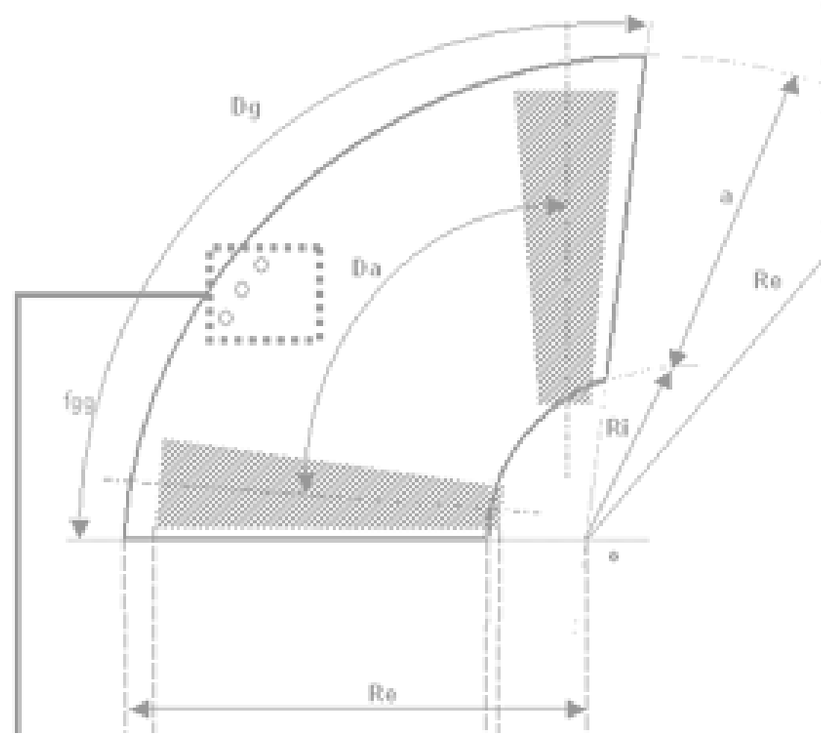
PRODUCTION

Curved & Spiral conveyors.

Special conveyors utilized when space is limited or directional change in the flow of products is required. Power Curves and Spiral conveyors can accomplish a simple turn or elevate/decline parcels from one level to the next.

■ **esbelt** has developed a range of belts for these applications. These belts need to be flexible, strong, stable and able to withstand significant flex fatigue due to the unconventional flexing the belt undergoes during operation.

■ **esbelt** manufactures Power Curve belting in 3000 mm (118") width and through experience can provide many belts with one splice maximizing fabrication quality and belt performance. When Spirals and specialized belts require multiple splices the esbelt system and belt materials deliver the required reliability through consistent materials and fabrication performance.



■ **esbelt** belts allow the system to operate as designed, providing reliable parcel control in Curved and Spiral conveyors as well as inclines, declines, gapping, merging, accumulation and diverters. Our ability to cut from wide material and use only one splice results in high dimensional stability providing reliable transference without changing the orientation of the products.

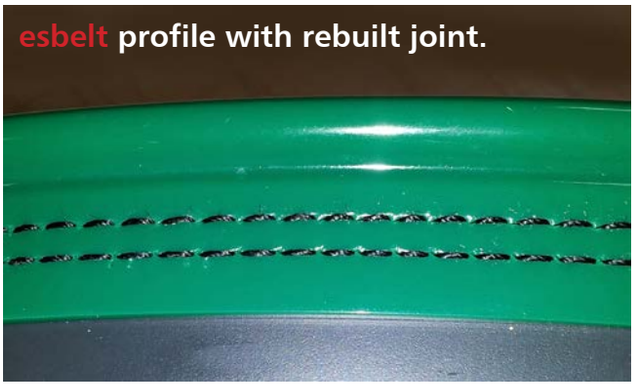
PREPARATION

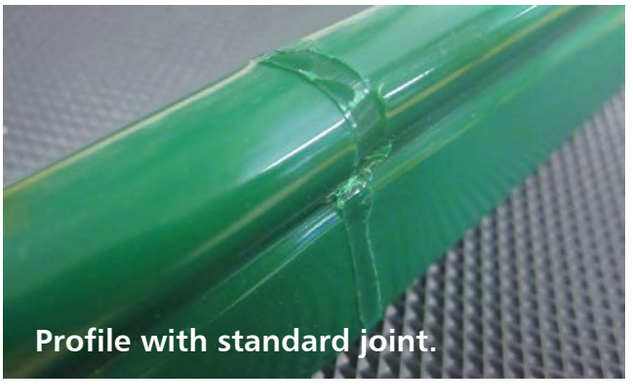
Curved belts with lateral guide.

The working life of a curved belt is almost always determined by how long the lateral guide lasts.

The main defects in the lateral guides are the following, in this order:

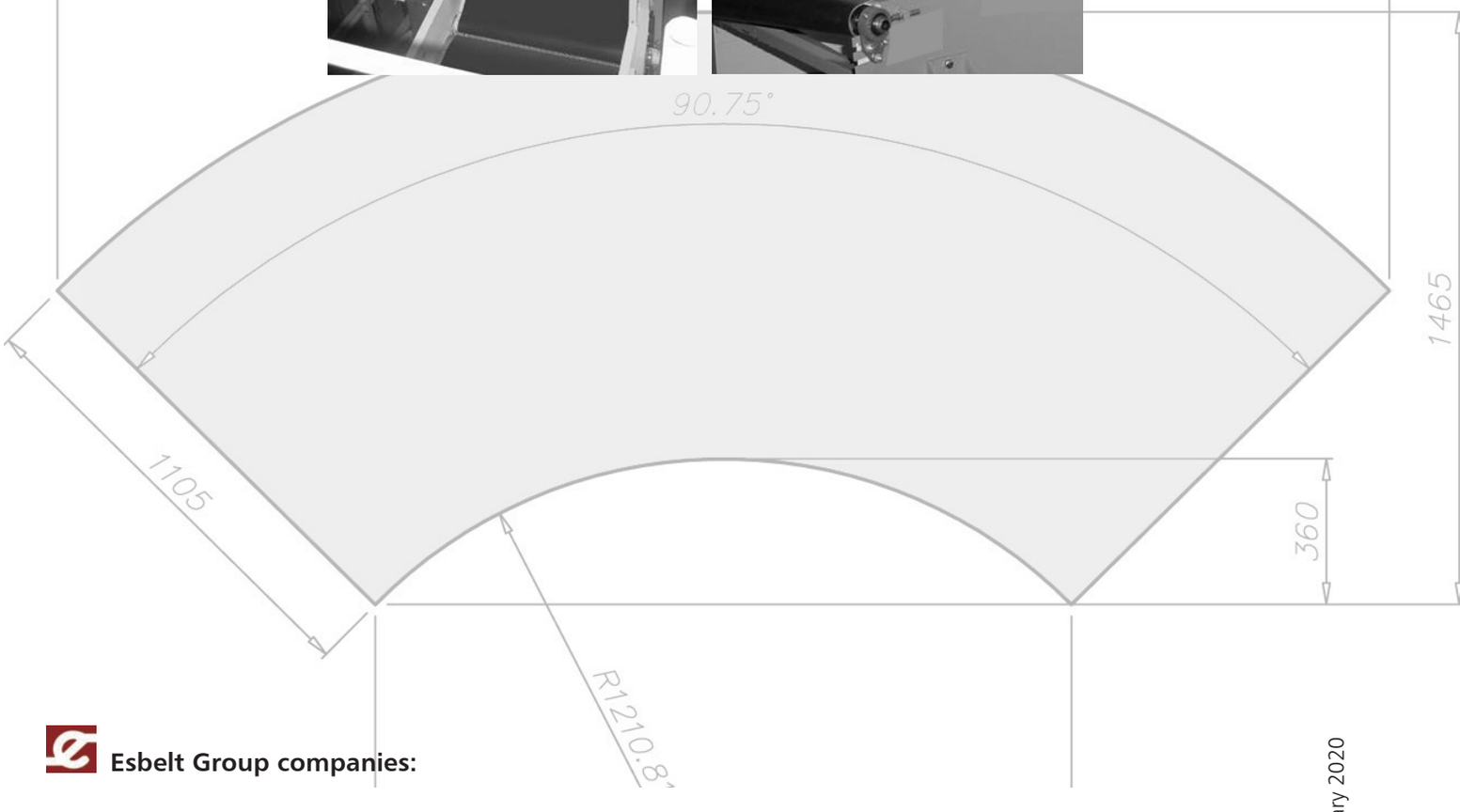
1. Detachment/breakage of the profile attachment point.
2. Breakage or cracking of the profile at several points along its length due to excessive rigidity after a given period of use.
3. Deterioration of the profile due to over-heating, either because of a defective attachment (misalignment with respect to the belt), poorly sewn or opening of the splice.


esbelt profile with rebuilt joint.


Profile with standard joint.

Why choose esbelt belts + profiles?

ADVANTAGES	BENEFITS
Profile with no visible or irregular attachment point, rebuilt splice (see photo 1). Perfect endless ring, same thickness, finish and flexibility along its whole length.	**The profile circulates smoothly without jumps, preventing accidents due to breakage or premature alignment.**
Highly flexible thermoplastic material, high mechanical resistance to abrasion, wear and tear, as well as oxygen, ozone and low temperatures. Esbelt extrudes lateral profiles adapted to any kind of design.	**Lower cost of belt due to longer lasting.**
Preparing a curved belt requires a high degree of experience and precision: calculation, cutting and splicing, as well as attaching and sewing the profile. We have highly qualified technicians and specialised machinery to produce high quality belts.	**No breakdowns or problems caused by the belt, leading to stoppages and loss of productivity.**



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