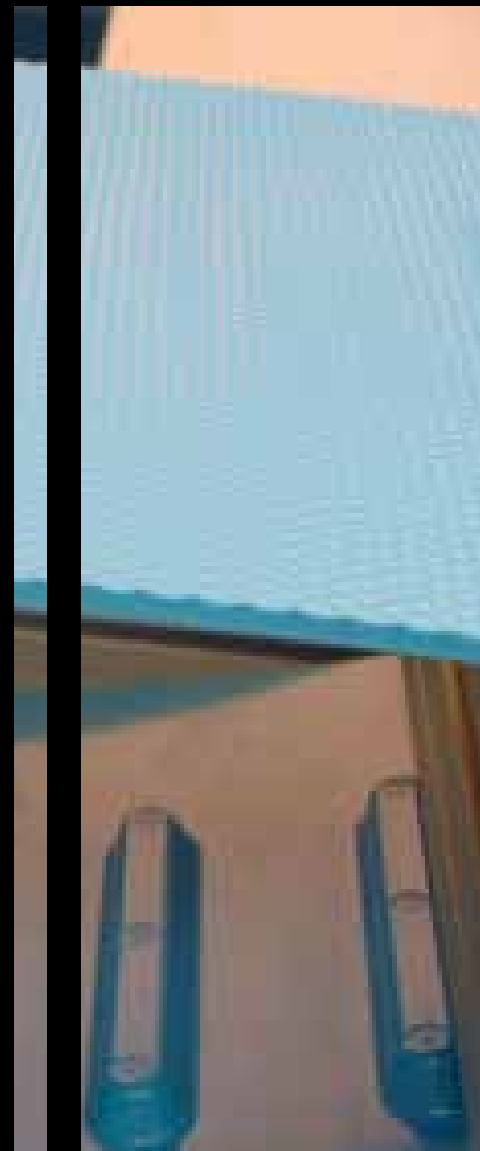
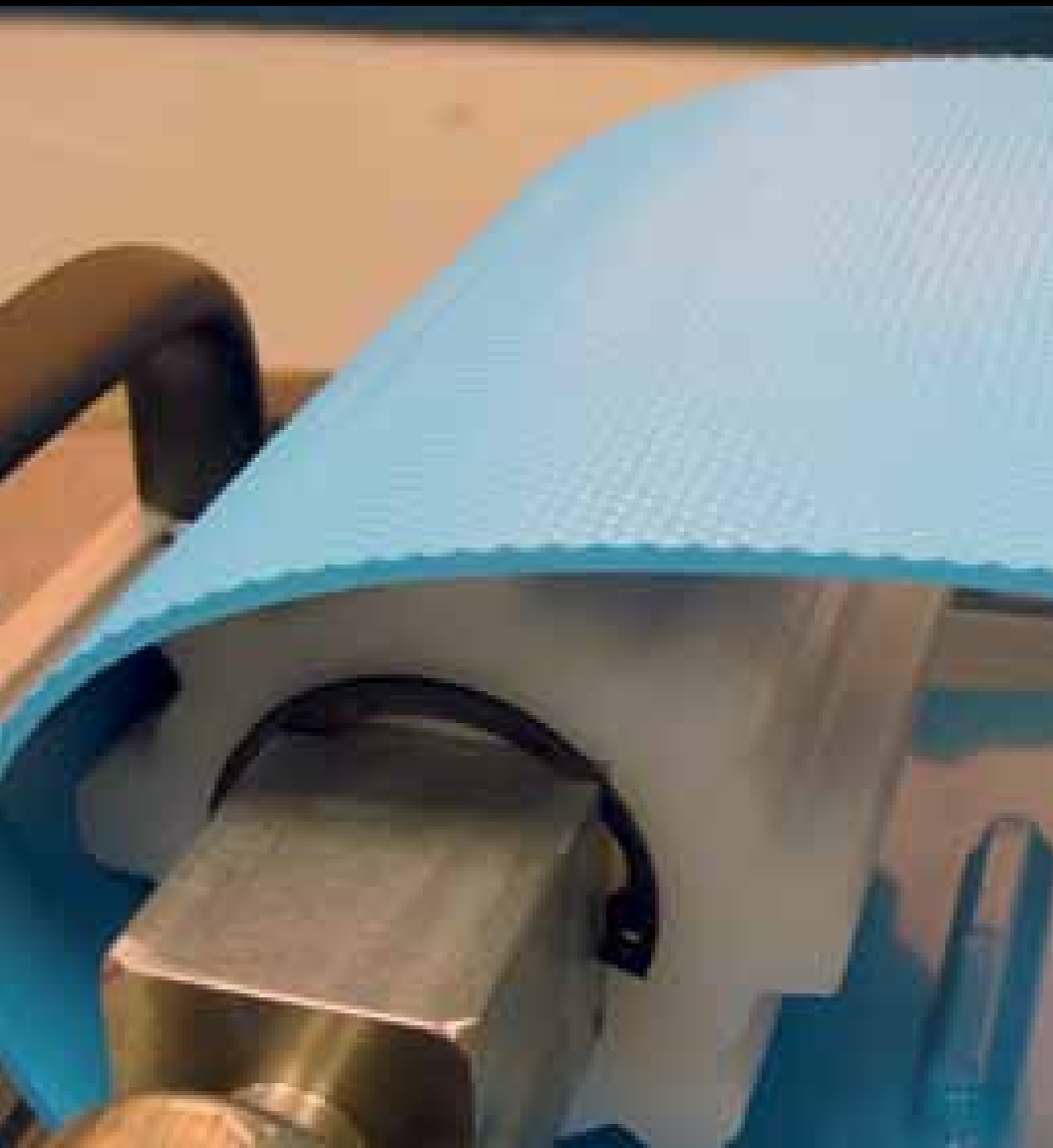


Conveyor **Viking**



Volta Positive Drive Line

Meeting high food safety standards





Today's market demands superior hygiene levels, low production and maintenance costs and top quality conveyor belting products.

Volta Positive drive flat homogenous belts are the newest generation in belting technology designed to solve the most crucial conveying problems in a variety of industrial and food applications.



SuperDrive

Homogeneous positive drive belt – the best choice where hygiene control and conveying efficiency are essential

Eliminates Off-Tracking

Integral teeth on the drive-side of the SuperDrive™ belt serve as a built-in guide mechanism for the belt. This self-tracking quality lessens belt damage & product loss.

Cost Savings

Easy & effective cleaning drops downtime to a minimum. Huge savings in water, energy and water treatment costs. Low bacteria counts resulting in high production profit. Extremely long belt life cycle.

Extremely Hygienic

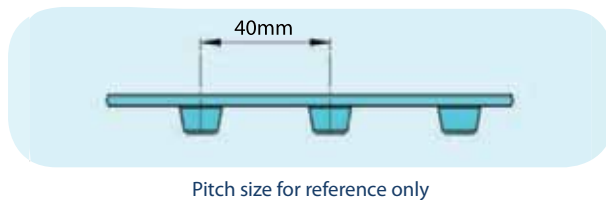
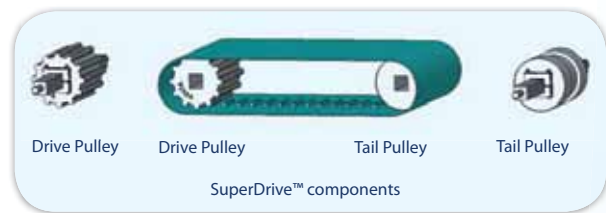
SuperDrive™ is a fully extruded homogeneous belt with extremely smooth operating surface. There are no mechanical parts, joints or crevices to harbour bacteria. These distinctive traits largely increase your product quality and shelf life.

Easy to Clean

The SuperDrive Belt has extremely smooth, cut and abrasion resistant surface that ensures effective and easy cleaning

Reduced Set-up Time

Quick change-over between products gives you more product flexibility and converts downtime into production time.

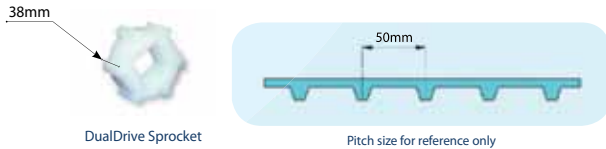


DualDrive

Ideal for replacing existing modular belts for increased hygiene.

Mechanical Benefits

- Eliminates modular components that require extensive cleaning and lengthy soaking.
- Greatly reduced noise levels when compared to modular belting.
- Integrated teeth prevent slippage of the belt.
- No belt pretension needed, avoiding elongation and increasing belt life.



Material Features

- Smooth or impression textured homogeneous surface.
- Impression top textures are also available for special non-stick applications.
- No ply or fraying threads.
- Easy and effective cleaning.
- No cracks or crevices that can potentially harbour bacteria.

Minimal Retrofit

Minimal retrofit is required. DualDrive can run on certain types of existing sprockets although their own sprocket design will ensure longer life and optimal performance.



DualDrive SP (Small Pulley)

Ideal for small pulley applications and can be applied to existing lines with convenient minimal retrofit.

What makes DualDrive SP so special?

- It runs on small drive & tail pulleys: 50 mm (8 teeth).
- Tight transfer of goods reduces product wastage.
- Lighter conveyor construction, saving drive motor energy costs.
- Positive drive mechanism prevents slippage.
- Fully extruded drive surface has the combined option of positive drive and/or built in cleats.
- Can be made endless with DD SP Lace for easy removal for cleaning or maintenance purposes.

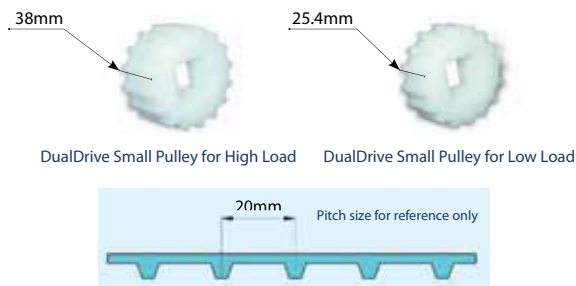
Increase your hygiene levels!

- Smooth homogeneous surface on both sides prevents bacteria buildup.
- No frayed threads or broken pieces to contaminate your products.
- Ensures long product shelf life & higher product quality.
- Easy & effective cleaning, convert downtime to production time.
- Huge savings in water and water treatment costs.
- Set up time reduced & quick change over between product types is easily reached.

Low load and high load applications

There are 2 series of pulleys that can be used with this belt. One is specifically suitable for using in high load (HL) applications and the other is designed for use in low load (LL) applications.

It is essential that the correct pulley type is chosen in relation to the belts pulling force. The use of incorrect pulleys can cause a problem of disengaging



Volta Lace Systems

The Volta Lace is a device that allows you to easily open the belt for cleaning or servicing of the conveyor. Our lace can also be used in applications where metal detectors are required and we can provide you with a polyester hinge pin upon request.

Volta lace is compatible with Volta 'M' Family Flat Belts of 2.5 to 5 mm thickness. Specialized lace is available to suit the teeth spacing of the Dual Drive and DD SP belts.

All Volta flat belt material is easy to clean without removing from conveyor and therefore we only recommend lace when absolutely necessary. (Stainless steel and/or plastic rivets can also be used for closing the SD belts)



SD & Universal Lace

DD Lace

DDSP Lace

Call us on **0800 845 464** to discuss your engineering and technical requirements.



Case Study Volta SuperDrive Conveyor Belt

Leader Products

Challenge

Leader Products manufactures quality frozen and convenience food. Their product ranges includes yummy items such as burgers, meatballs, nuggets and ribs.

One of their production lines included a modular belt which featured cavities. Food cavities in the belt made cleaning difficult to the rigorous demands of preoperational inspections which could cause the need of re-cleaning and delaying production starts. To ensure that hygiene was perfect the first time, Leader decided it was time to look for an alternative for their modular belt.

Due to their long standing history in the food industry, Viking Conveyor was approached to provide their expertise and advice on best possible food belt for Leader Products and its processing requirements.

Solution

The following steps were taken, with Leader Products, to ensure the best possible conveyor belt systems were considered in line with Leader Products requirements:

Site visit

Viking Conveyor visited the processing facility to review the current belt and discuss with Leader Products what they were looking for from their new belt.

Alternative solutions proposed

Two alternative solutions were proposed, with one in particular considered the best solution as it met all of Leader Products criteria. The Volta SuperDrive was discussed with Leader Products Engineering Manager and QA Manager to ensure all parties were comfortable that the Volta SuperDrive Conveyor Belt would meet their specific requirements from a mechanical and food safety perspective.

The Volta SuperDrive was able to meet Leader Products requirements in the following key areas:

- Food Safety - high food standards for both the local and international markets
- Easy to clean - hygiene levels extremely important to ensure that food is produced safely for the customer
- Easy to retrofit - easy to replace so that the whole mechanics of the belt would not have to be replaced in the future
- Reliable - positive drive and consistent tracking to reduce any product loss and damage to the belt

Result

The Volta SuperDrive belt is up and running in the Leader processing plant, delivering on a high standard of food safety and reliability.



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