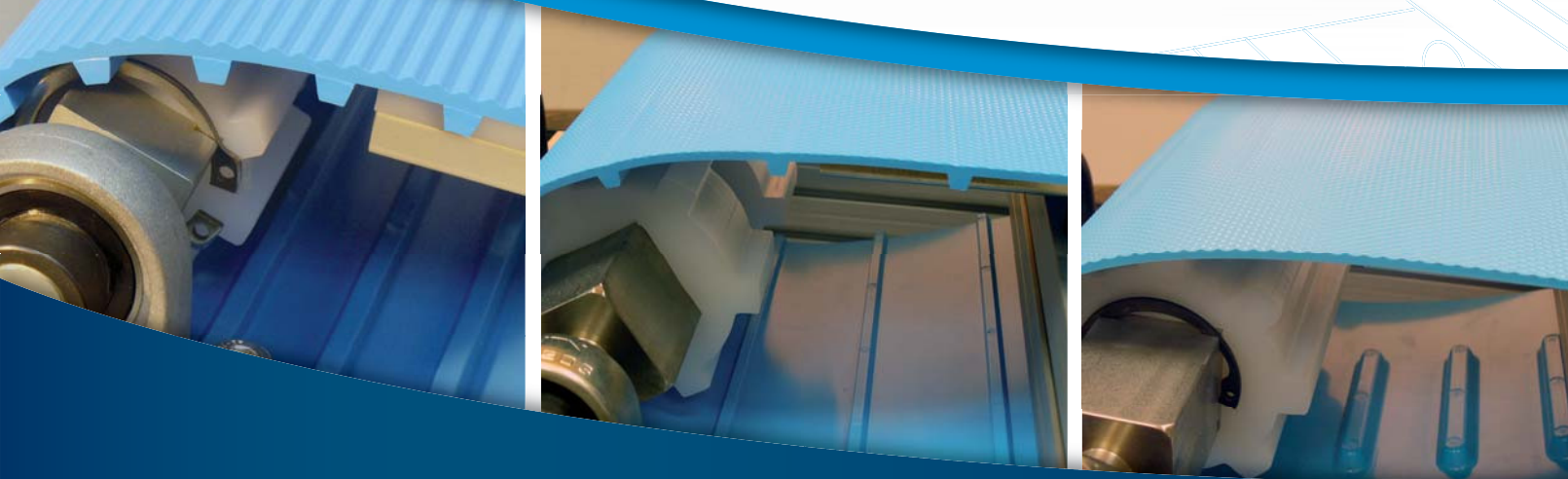




Positive Drive *Line*



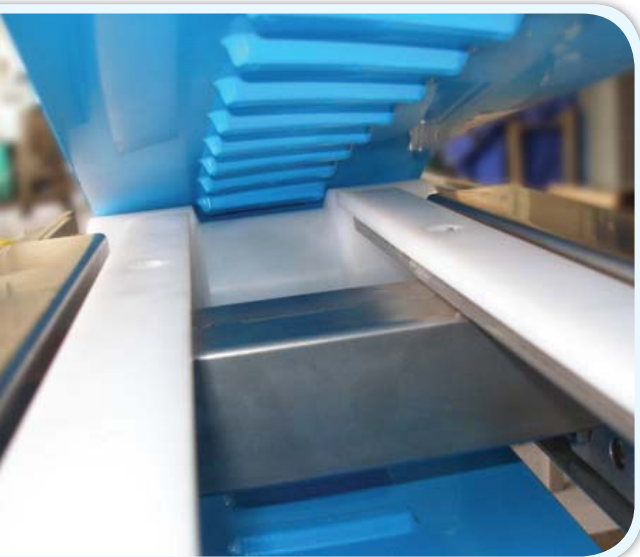


SuperDrive™

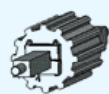
➡ The positive-drive feature of the SuperDrive™ eliminates slippage and pre-tensioning. This reduces elongation and strain on the belt, extending belt life and performance.

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.



Th!nk Positive, Th!nk SuperDrive™



Drive Pulley



Drive Pulley



Tail Pulley

SuperDrive™ components

Easy to Clean

The SuperDrive™ belt has an 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.

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. Reduced operating noise lowers noise levels significantly due to the elimination of the hard, rigid modular components.

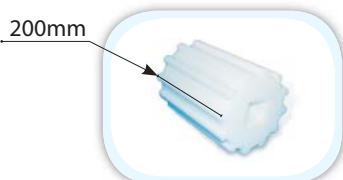
Extremely Hygienic

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

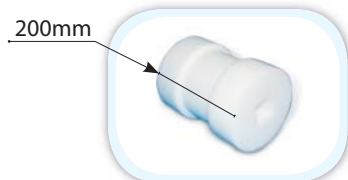
Product	FHW		FHW-ITO 50		FHB		FHB-ITO 50		FMW		FMB		FMB-ITO 50
Color	Off-white		Off-white		Blue		Blue		Beige		Blue		Blue
Thickness (mm)	3	4	3	4	3	4	3	4	3	4	3	4	3
Min.Pulley - Normal Flex* (mm)	100	140	100	140	100	140	100	140	80	120	80	120	80
Min.Pulley - Back Flex* (mm)	150	160	150	160	150	160	150	160	100	150	100	150	100
Pulley diameter (O.D)	100.5mm, 151.4mm, 152.3mm**, 202.9mm, 204.4mm**												
Shore Hardness	55D								53D				
Temperature Range	-20° C to +75° C								-20° C to +60° C				
Food Approvals	NSF/FDA/USDA/USDA Dairy Approved								FDA/USDA/USDA Dairy Approved				

* Dimensions are relevant for ambient temperature above 0° C/ 32° F.

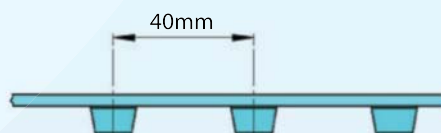
** 152.3mm and 204.4mm Outside Pulley diameter for SD-4mm only!



SuperDrive™ Drive Pulley



SuperDrive™ Tail Pulley



Pitch size for reference only

DualDrive

When increased hygiene standards are needed, the DualDrive belt is ideal for replacing existing modular belts

- Minimal retrofit is required. DualDrive can run on certain types of existing sprockets although our own sprocket design will ensure longer life and optimal performance.
- DualDrive is a fully extruded positive drive belt featuring a smooth homogeneous character & integral teeth on the drive side which can act as built-in cleats when necessary.

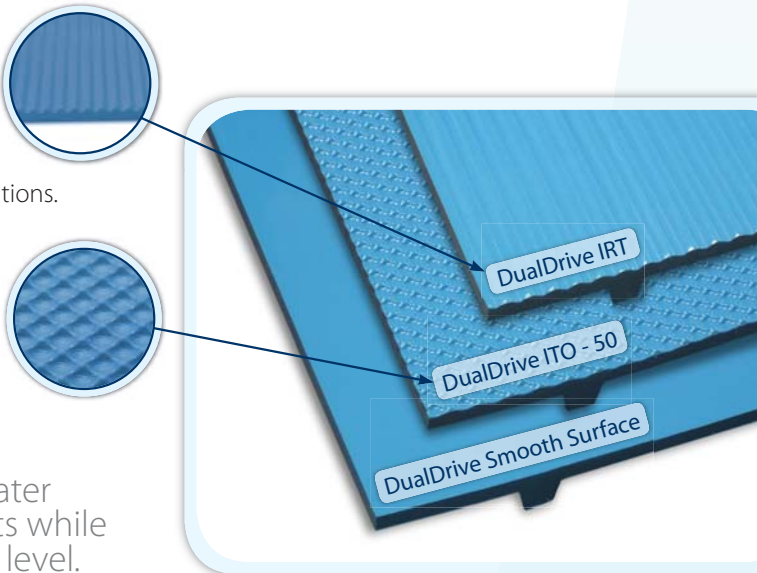


Mechanical Benefits:

- 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.
- Can also be used as cleats when the teeth are facing up.
- DualDrive Lace allows for ease of belt removal for cleaning or conveyor maintenance.
- Extruded in 30 or 60m. (100 or 200 ft.) lengths and 1524mm (60") width.

Material Features:

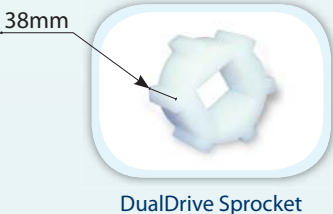
- Smooth homogeneous surface.
- Impression top textures are also available for special non-stick applications.
- No ply or fraying threads.
- Easy and effective cleaning, reducing downtime and water consumption to a minimum.
- No cracks or crevices that can potentially harbor bacteria thus ensuring lower bacteria counts and maximum hygiene.



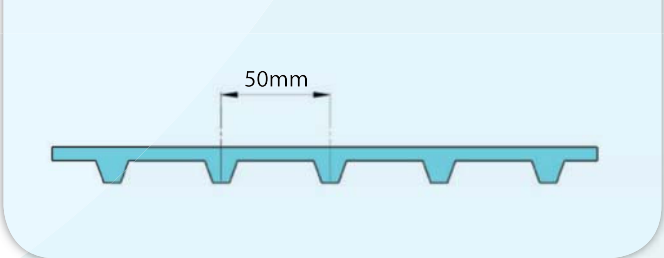
DualDrive positive drive belts lower your water consumption, maintenance and sanitation costs while drastically boosting your production hygiene level.

Product	FMB		FMB-ITO 50	FMB-IRT	FMW
Color	Blue		Blue	Blue	Beige
Thickness (mm)	3	4	3	3.8	3
Min.Pulley - Normal Flex* (mm)	80	120	80	120	80
Min.Pulley - Back Flex* (mm)	100	135	100	135	100
Pulley diameter (O.D)	93.4mm, 125.6mm, 157.7mm, 189.9mm				
Shore Hardness	53D				
Temperature Range	-20° C to +60° C				
Food Approvals	FDA/USDA/USDA Dairy Approved				

* Dimensions are relevant for ambient temperature above 0° C/ 32° F.



DualDrive Sprocket



Pitch size for reference only

DualDrive SP (Small Pulleys)

DualDrive SP leads the positive drive concept into small pulley applications and can be applied to existing lines with convenient minimal retrofit.

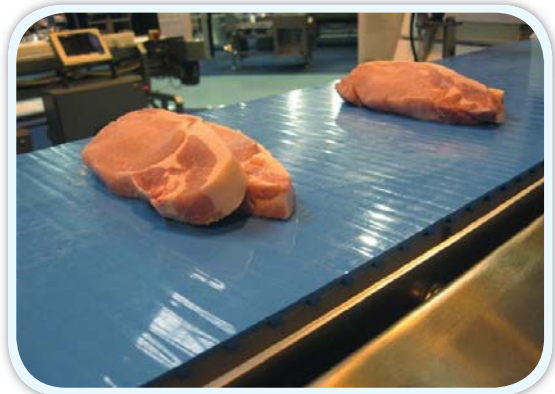
What makes DualDrive SP so special?

- 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!

↓ Lower bacteria count

- Smooth homogeneous surface on both sides prevents bacteria buildup.
- No cracks or crevices to harbor bacteria.
- No frayed threads or broken pieces to contaminate your products.
- Ensures long product shelf life & higher product quality.



↓ Easy & effective cleaning

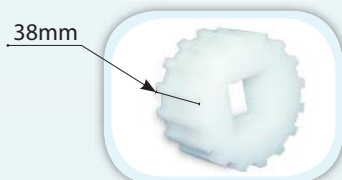
- Convert downtime to production time.
- Huge savings in water and water treatment costs.
- Set up time reduced & quick change over between product types is easily reached.

For maximum performance we recommend using Volta Sprockets (pulleys) that are specifically designed for smooth running DualDrive SP applications.

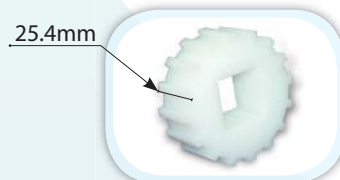
Product	FMB	FMB-ITO 50	FMB-IRT
Color	Blue	Blue	Blue
Thickness (mm)	2.5	2.5	3.2
Shore Hardness	95A/46D		
Temperature Range	-30° C to +60° C		
Min.Pulley Dia Normal Flex* (mm)	50		
Min.Pulley Dia Back Flex* (mm)	100		
Pulley diameter (O.D)	51.1mm, 64.5mm, 77.9mm, 91.3mm, 104.7mm**		
Food Approvals	FDA/USDA/USDA Dairy Approved		

* Dimensions are relevant for ambient temperature above 0° C/ 32° F for lightweight applications.

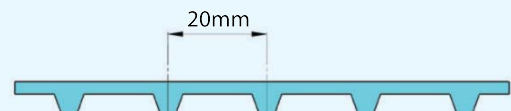
** Non standard item



DualDrive Small Pulley for High Load



DualDrive Small Pulley for Low Load



Pitch size for reference only

Endless Making Techniques

Volta provides you with a choice of tools especially designed to ensure high quality heat welded endless making of the full range of Positive Drive belts. Our tools have a lightweight design which makes each tool compact, rugged and easy to use in the field and workshop. When using Volta tools only electrical power is needed and no water cooling or air pressure is required.



➔ FT - Electrode Welding Kit

The FT Welding System is a tool for electrode welded endless making highly suitable for Volta flat belts and SuperDrive™, DualDrive and DualDrive SP. The FT Welding System uses a router to cut the bevel on the belt edges and to trim the weld on completion. The weld is carried out by using a Leister Hot Air Gun and Volta electrodes.



⬅ FBW - Butt Welding Tool

The FBW System was created to butt-weld flat belts making them endless. The FBW Welding System includes a built-in adapter for splicing SuperDrive™. Suitable adaptors for DualDrive and DualDrive SP and special textured top flat belts are also available.

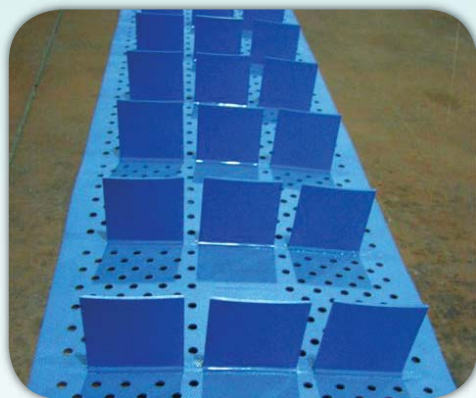
⬇ Volta Lace Systems

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)



We are committed to providing a complete package focusing on servicing our customers all the way, up until the belts are safely installed and the conveyor is running smoothly.

Fabrications on Positive Drive Belts



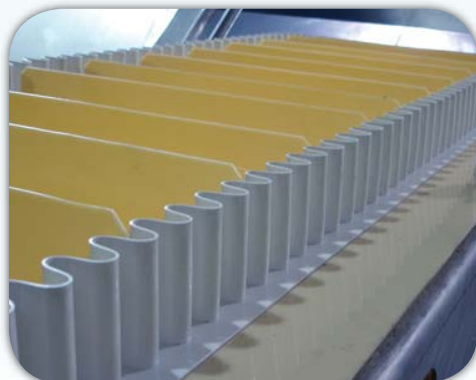
Perforated SuperDrive™
with Spaced flights



SuperDrive™
Trough Conveyor with Chevron flights



DualDrive Small Pulley
with metal spikes



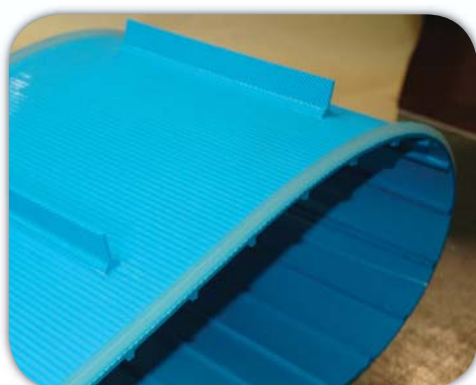
SuperDrive™
with flights and sidewalls



SuperDrive™
with Chevron flights



SuperDrive™
Z-elevator with flights, guides and sidewalls



DualDrive
with impression top (IRT) flights & guides



SuperDrive™
with flights working under water



SuperDrive™
with sidewalls & special flights

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