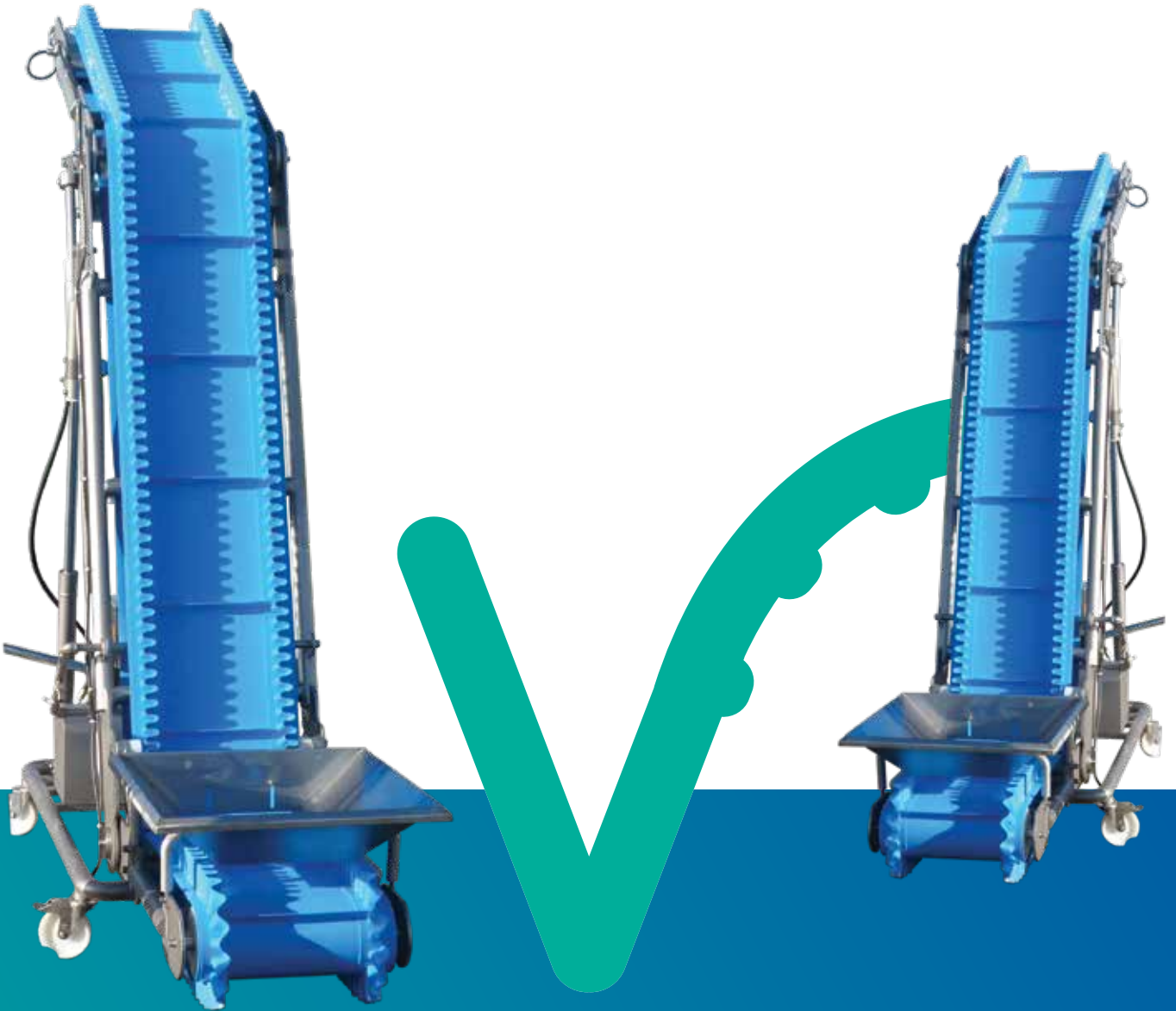




The Next Step in Belting



Food Grade
Positive Drive Line

Conveying Solutions

SuperDrive™

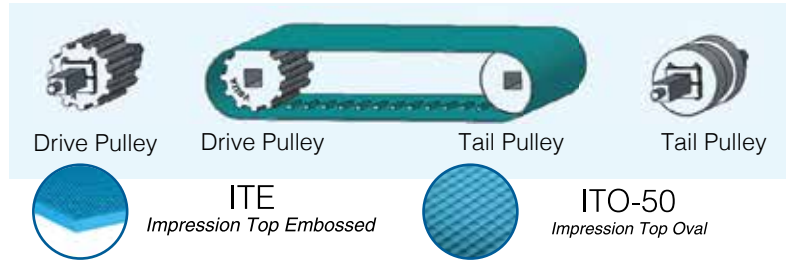
The homogeneous Positive Drive, recognized worldwide as the best choice where hygiene and conveying efficiency are essential.

The unique design combines a tooth drive and off-tracking prevention with superior hygienic standards and productivity.

Standard belt width: 1524mm/60".

Some of the belts are also available in 2032mm/80" width. Please contact Volta Belting representative for additional information.

SuperDrive™ and Mini SuperDrive™ components



Smooth Top SuperDrive™ Belts

Product & Color		Shore Hardness	Temperature Range****	Coefficient of Friction on UHMW*	Thickness	Minimum Pulley Diameter**		Maximum Pull Force***		Certifications
						mm	Inch	kg/cm	lbs/in	
FHB-SD	Blue 16	55D	-20°C to 90°C -5°F to 194°F	0.20	3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU
FHW-SD	Off White				4	176	6 ¹⁵ / ₁₆	9	50.40	
					6*	300	11 ¹³ / ₁₆	14	78.40	
FHB-SD	Blue 13	55D	-20°C to 90°C -5°F to 194°F	0.20	3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU
					4	176	6 ¹⁵ / ₁₆	9	50.40	
FMB-SD	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6.25	35	FDA/USDA/ EU
FMW-SD	Beige				4	120	4 ³ / ₄	8	44.80	
FMB-SD	Blue 02				6*	240	9 ³ / ₄	12.50	70	
FMB-SD	Blue 02	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6.25	35	FDA/USDA/ EU

Impression Top SuperDrive™ Belts

FHB-SD-ITO50	Blue 16	55D	-20°C to 90°C -5°F to 194°F	0.20	3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU
FHW-SD-ITO50*	Off White				4	176	6 ¹⁵ / ₁₆	9	50.40	FDA/USDA/ EU
FHB-SD-ITE	Blue 16	55D	-20°C to 90°C -5°F to 194°F	0.20	3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU
FHW-SD-ITE	Off White				3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU
FMB-SD-ITO50	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6.25	35	FDA/USDA/ EU
FMB-SD-ITE	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6.25	35	FDA/USDA/ EU
FMW-SD-ITE	Beige				3	80	3 ¹ / ₄	6.25	35	FDA/USDA/ EU

Metal & X-Ray Detectable (MD) SuperDrive™ Belt

FMB-SD-MD	Blue 09	53D	-20°C to 60°C -5°F to 140°F	0.28	3	100	4	6	33.6	FDA/EU
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Low Temperature (LT) SuperDrive™ Belts

FMB-SD-LT	Blue 15	95A/46D	-35°C to 65°C -31°F to 149°F	0.30	3	80	3 ¹ / ₄	3	16.80	FDA/EU
FMB-SD-ITO50-LT	Blue 15	95A/46D	35°C to 65°C -31°F to 149°F	0.30	3	80	3 ¹ / ₄	3	16.80	FDA/EU

Note:

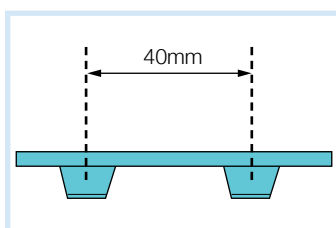
* Available in Blue only. FHW-SD-ITO50 - available in 3mm only.

** Minimum Pulley Diameter – Normal Flex. Dimensions are relevant for an ambient temperature above 0°C / 32°F.

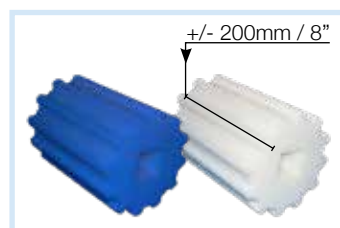
*** Maximum Pull Force – in kg/cm width & lb/in width.

**** To determine the allowable Pull force, check the "Temperature Correction Factor" table.

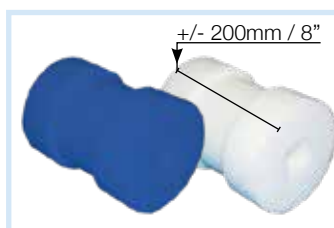
Declaration of Conformity in compliance with Food Contact Regulations: EU No.-10/2011 amended by 2017/752, 1935/2004 and 2023/2006 and FDA Art. 21. CFR.177.2600.



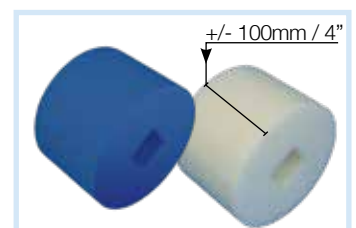
Pitch size for reference only



SuperDrive™ Drive Pulley



SuperDrive™ Tail Pulley



SuperDrive™ Support Pulley

Mini SuperDrive™

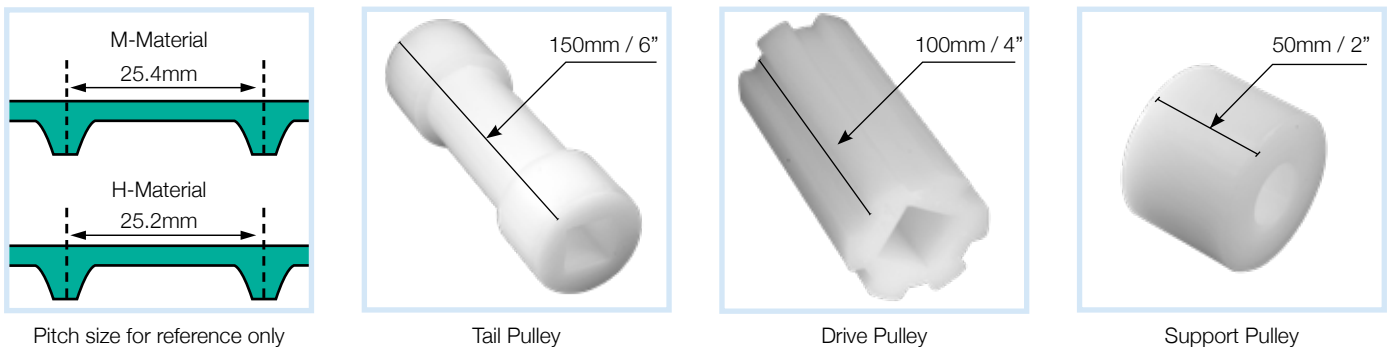
The only trackable Mini Positive Drive product.

The MiniSD™ design is similar to the world leader, Volta SuperDrive™; scaled down for a smaller minimum pulley. Standard belt width: 1524mm/60" or 2032mm/80". Please contact Volta Belting representative for additional information.

Smooth Top Mini SuperDrive™ Belts											
Product & Color		Shore Hardness	Temperature Range***	Coefficient of Friction on UHMW*	Thickness		Minimum Pulley Diameter**		Maximum Pull Force***		Certifications
					mm	mm	Inch	kg/cm	lbs/in		
FHB-MSD	Blue 16	55D	-20°C to 90°C -5°F to 194°F	0.20	2	80	3.15	4.5	25.2	FDA/USDA/ EU	
					2.5	100	4	5.6	31.36		
FMB-MSD	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	0.28	2.5	48	1.89	4	22.4	FDA/USDA/ EU	

Impression Top Mini SuperDrive™ Belts											
FMB-MSD-ITO 50	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	0.28	2.5	48	1.89	4	22.4	FDA/USDA/ EU	
FMB-MSD-MC	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	0.28	2.5	80	3.15	4	22.4	FDA/USDA/ EU	

Note: * Minimum Pulley Diameter – Normal Flex. Dimensions are relevant for an ambient temperature above 0°C / 32°F.
 ** Maximum Pull Force – in kg/cm width & lb/in width.
 ***To determine the allowable Pull force, check the "Temperature Correction Factor" table.
 Declaration of Conformity in compliance with Food Contact Regulations: EU No.-10/2011 amended by 2017/752, 1935/2004 and 2023/2006 and FDA Art. 21. CFR.177.2600. Compatible with HACCP principles.

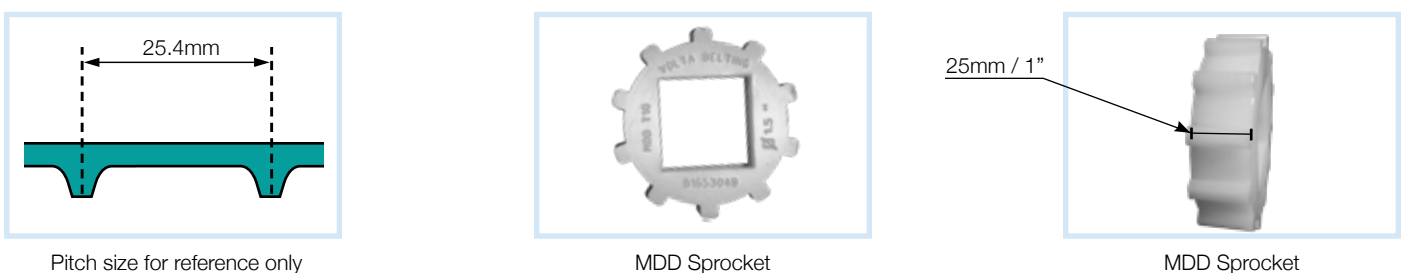


Mini DualDrive™

A scaled-down version of the original DualDrive™ tooth geometry. Standard belt width: 2032mm/80".

Smooth Top Mini DualDrive™ Belts											
Product & Color		Shore Hardness	Temperature Range***	Coefficient of Friction on UHMW*	Thickness		Minimum Pulley Diameter**		Maximum Pull Force***		Certifications
					mm	mm	Inch	kg/cm	lbs/in		
FMB-MDD	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	0.28	2.5	48	1.89	4	22.4	FDA/USDA/ EU	
FMB-MDD-ITO50	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	0.28	2.5	48	1.89	4	22.4	FDA/USDA/ EU	

Note: * Minimum Pulley Diameter – Normal Flex. Dimensions are relevant for an ambient temperature above 0°C / 32°F.
 ** Maximum Pull Force – in kg/cm width & lb/in width.
 ***To determine the allowable Pull force, check the "Temperature Correction Factor" table. Declaration of Conformity in compliance with Food Contact Regulations: EU No.-10/2011 amended by 2017/752, 1935/2004 and 2023/2006 and FDA Art. 21. CFR.177.2600. Compatible with HACCP principles.



DualDrive™

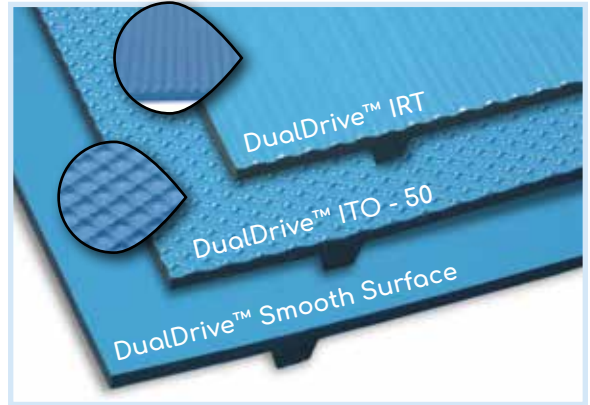
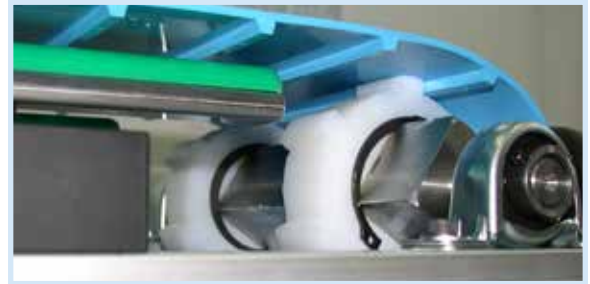
- Minimal retrofitting required. DualDrive™ is suited to some 2" pitch modular belt sprockets but for both reliability and hygiene these should be replaced.
- DualDrive™ is a fully extruded Positive Drive belt with drive teeth running the full width of the belt at a 2" pitch.

Mechanical Benefits:

- Replaces modular systems that require extensive cleaning and lengthy soaking and wear quickly at the joints.
- Greatly reduced noise levels in comparison with to modular belts.
- Integrated teeth for a Positive Drive with no slippage.
- No pretension of the belt is needed.
- Extruded in 30 or 60m (100 or 200ft) length and 1524mm (60") width.

Material Features:

- Smooth or textured homogeneous surface.
- Special texture available for non-stick applications.
- No ply/fraying of fibers.
- Easy and effective cleaning.
- No cracks or crevices that can potentially harbor bacteria.



Smooth Top DualDrive™ Belts											
Product & Color		Shore Hardness	Temperature Range****	Coefficient of Friction on UHMW*	Thickness	Minimum Pulley Diameter**		Maximum Pull Force***		Certifications	
						mm	mm	Inch	kg/cm		lbs/in
FHB-DD	Blue 16	55D	-20°C to 90°C -5°F to 194°F	20	3	126	4 ³¹ / ₃₂	7	39.2	FDA/USDA/ EU	
					4	176	6 ¹⁵ / ₁₆	9	50.40		
FMB-DD	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6	33.6	FDA/USDA/ EU	
FMW-DD***	Beige				4	120	4 ³ / ₄	7.7	43		
FMB-DD	Blue 02	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6	33.6	FDA/USDA/ EU	
Impression Top DualDrive™ Belts											
FMB-DD-ITO50	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	3	80	3 ¹ / ₄	6	33.6	FDA/USDA/ EU	
FMB-DD-IRT	Blue	53D	-20°C to 70°C -5°F to 158°F	0.28	4	100	4	6	33.6	FDA/USDA/ EU	
Metal & X-Ray Detectable (MD) DualDrive™ Belt											
FMB-DD-MD	Blue 09	53D	-20°C to 60°C -5°F to 140°F	0.28	3	100	4	6	33.6	FDA/EU	
Low Temperature (LT) DualDrive™ Bel											
FMB-DD-LT	Blue 15	95A/46D	-35°C to 65°C -31°F to 149°F	0.30	3	80	3 ¹ / ₄	3	16.80	FDA/EU	
FMB-DD-ITO50-LT											

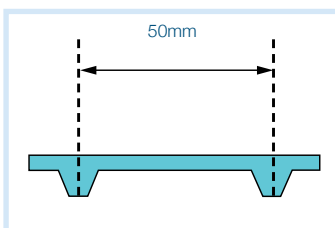
Note: Minimum Pulley Diameter – Normal Flex. Dimensions are relevant for an ambient temperature above 0°C / 32°F.

** Maximum Pull Force – in kg/cm width & lb/in width.

*** FMW-DD - available in 3mm only.

***To determine the allowable Pull force, check the "Temperature Correction Factor" table.

Declaration of Conformity in compliance with Food Contact Regulations: EU No. -10/2011 amended by 2017/752, 1935/2004 and 2023/2006 and FDA Art. 21. CFR.177.2600. Compatible with HACCP principles.



Pitch size for reference only



Machined Drive Sprockets



Machined Drive Sprockets



Molded Drive Sprocket



Molded Tail Roller

DualDrive™ SP (Small Pulleys)

The DualDrive™ Small Pulley belt can be used for both low and high load applications.

There are 2 series of pulleys applicable:

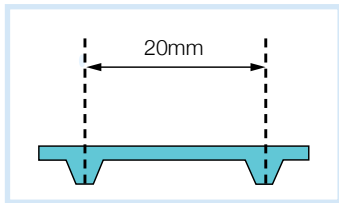
- for use in high load (HL) applications;
- for use in low load (LL) applications.

One should ensure that the correct pulley type is chosen in relation to the required pull force. The use of incorrect pulleys can cause disengaging problems.

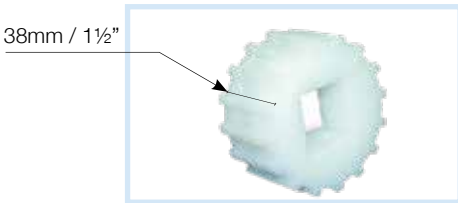
Standard belt width : 1524mm/60".Standard belt width: 1524mm/60".

Smooth Top DualDrive™ Small Pulley (SP) Belt										
Product & Color		Shore Hardness	Temperature Range***	Coefficient of Friction on UHMW*	Thickness	Minimum Pulley Diameter**		Maximum Pull Force***		Certifications
					mm	mm	Inch	kg/cm	lbs/in	
FMB-DDSP	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	2.5	50	1.5	8.4	4.5	25.2	FDA/USDA/ EU
Impression Top DualDrive™ Small Pulley (SP) Belts										
FMB-DDSP-ITO50	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	2.5	50	1.5	8.4	4.5	25.2	FDA/USDA/ EU
FMB-DDSP-IRT	Blue	95A/46D	-20°C to 70°C -5°F to 158°F	3.2	50	1.5	8.4	4.5	25.2	FDA/USDA/ EU

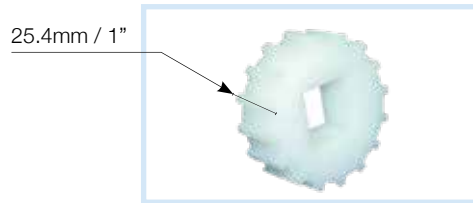
Note: * Minimum Pulley Diameter – Normal Flex. Dimensions are relevant for ambient temperature above 0°C / 32°F.
 ** Maximum Pull Force – in kg/cm width & lb/in width.
 ***To determine the allowable Pull force, check the “Temperature Correction Factor” table.
 Declaration of Conformity in compliance with Food Contact Regulations: EU No.-10/2011 amended by 2017/752, 1935/2004 and 2023/2006 and FDA Art. 21. CFR.177.2600.



Pitch size for reference only



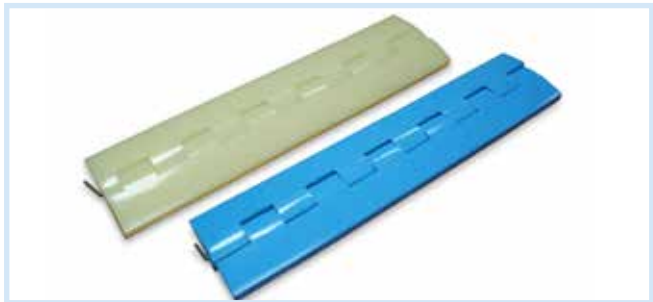
DualDrive™ Small Pulley for High Load



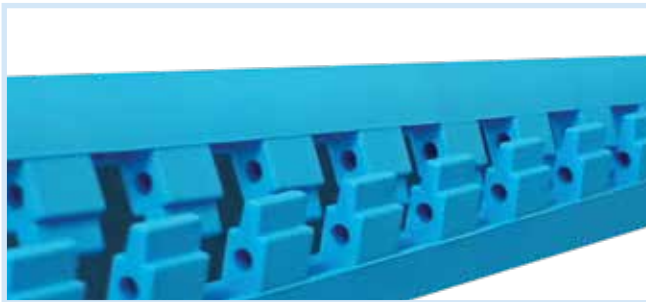
DualDrive™ Small Pulley for Low Load

Volta Hinge Lace System

Both Volta Universal Lace and Volta Roundflex™ lace is a device that allows a belt to be opened for cleaning or servicing of the conveyor. It is used in metal detection systems where a polyester hinge pin is used in place of steel. The Volta laces are compatible with Volta ‘M’ Family Flat and Positive Drive belts including 1” pitch MSD & MDD belts from 2.5mm to 5 mm thickness. All Volta belt materials are easy to clean without removing from conveyor and therefore we only recommend lace when absolutely necessary. The strength of the belt will be affected at the joint where lace is used.



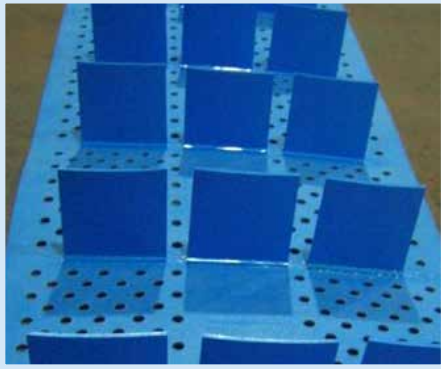
Universal Lace



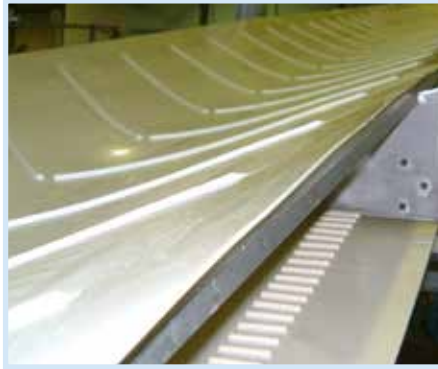
Roundflex™ Lace

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



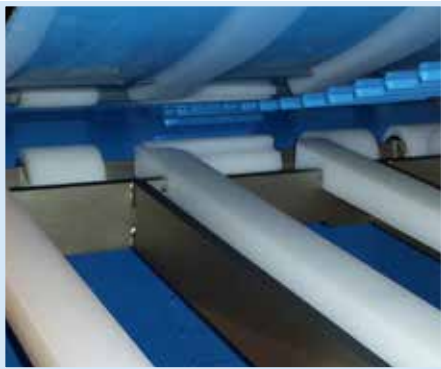
Perforated SuperDrive™
with Spaced Flights



SuperDrive™ Trough Conveyor with
Chevron Flights



DualDrive™ Small Pulley with Metal Spikes



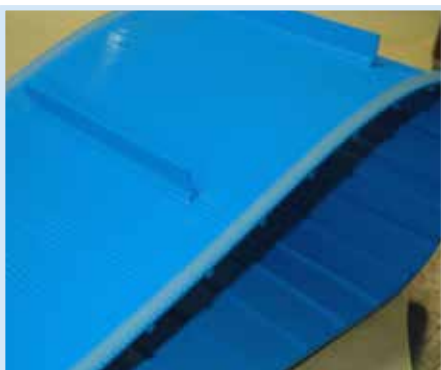
Mini SuperDrive™ Belt



Perforated DD-IRT Belt



SuperDrive™ Z-elevator with Flights,
Guides and Sidewalls



DualDrive™ with Impression Top IRT
Flights & Guides



SuperDrive™ with Flights Working
under Water



SuperDrive™ with Sidewalls
and Special Flights



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