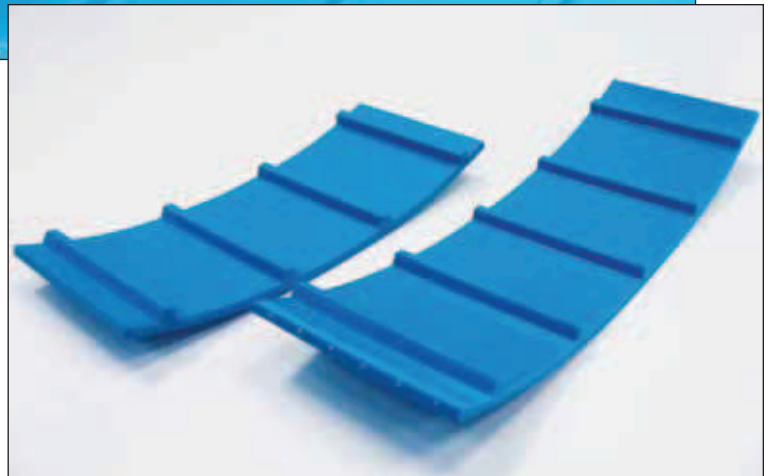
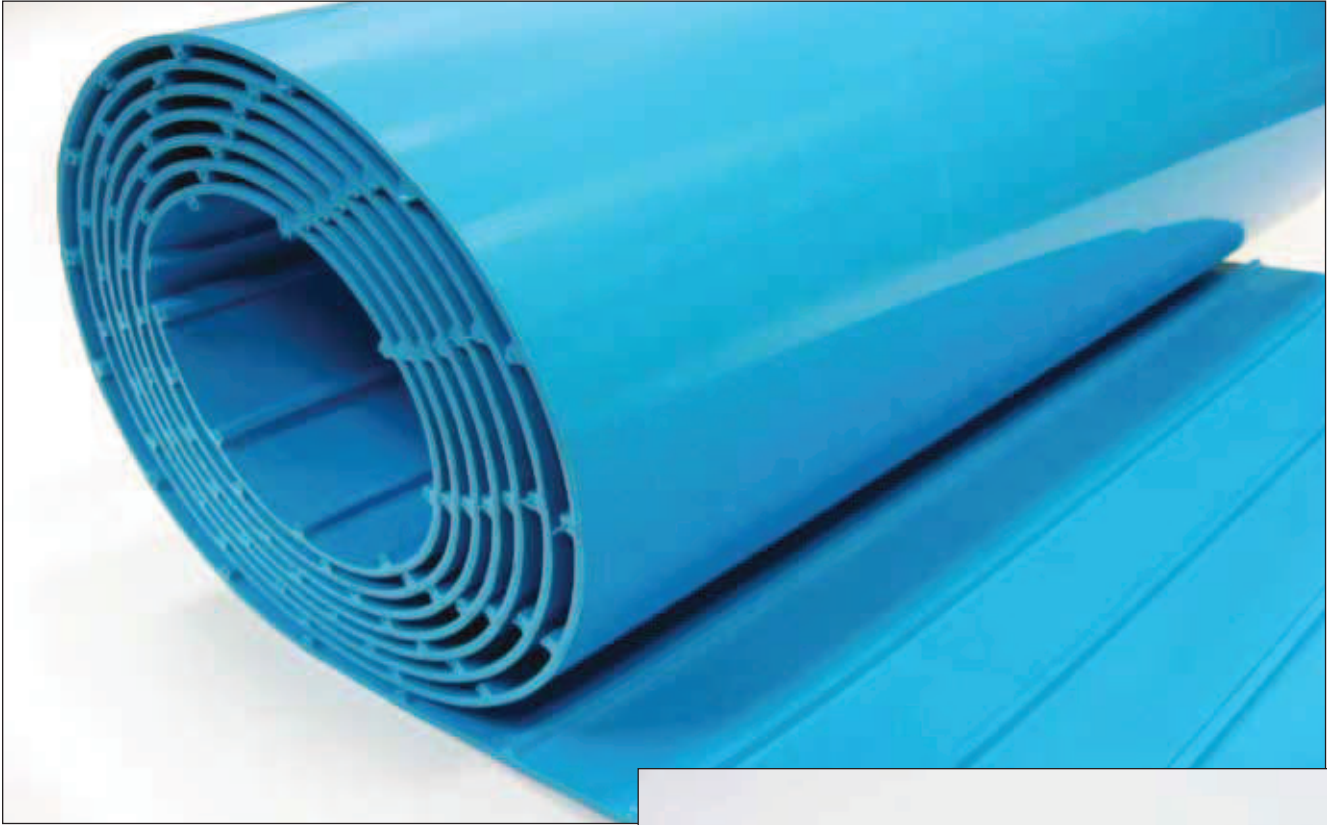




MEGABLUE

Food Grade Positive Drive Belts



MEGABLUE

Food Grade Positive Drive Belts



MEGABLUE is specifically created to give a good alternative to the classical plastic modular belt for the food processing industry.

With its smooth surface, Megablue guarantees superior hygiene levels and, at the same time, works like a positive drive modular plastic belt.

Thanks to the tooth shape and pitch, Megablue works with the same sprockets of modular plastic belts and is a good alternative where an extreme cleanability is needed. This belt helps saving water and time usually dedicated to the cleansing of a classical modular plastic belt.

Megablue is FDA/USDA/USDA Dairy Approved and is also the ideal combination of the benefits of a classical smooth conveyor with the mechanical and chemical advantages of a plastic modular belt.

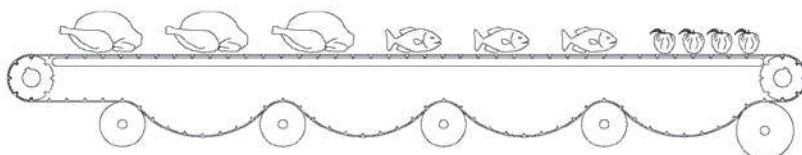
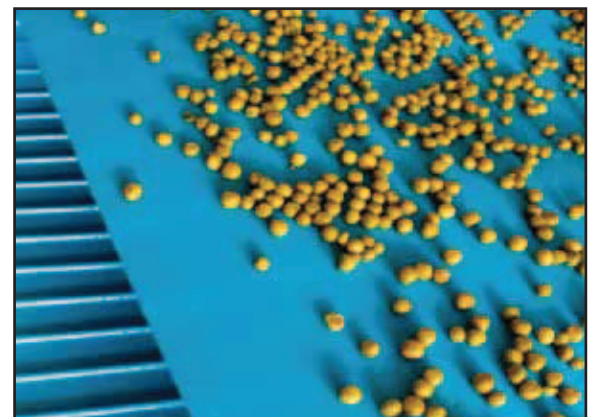
Main Features:

- Suitable to replace most of the 1" and 2" plastic modular belts.
- Available with Kevlar® tension member where the application requires high tensile strength and low elongation.
- Blue FDA-approved Polyurethane water and chemical resistant.
- Perfectly sealed edges to avoid the contact of external agents with Kevlar® cords in case they are present (for MB 10K).
- Flat and smooth back surface to help the clean-in-place process and to avoid bacteria deposit.
- FDA/USDA approved for wet food contact and transportation (meat and poultry).

Applications:

The Megablue product line was conceived keeping in mind the specific requirements of the food processing industry in a wide variety of sectors such as (but not limited to):

- Bakery
- Meat, poultry & seafood
- Beverage
- Fruits & vegetables

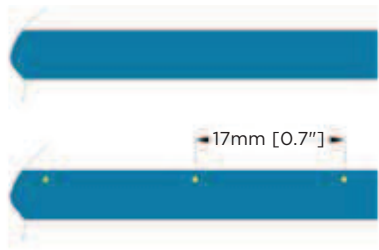


*Kevlar is a registered trademark of DuPont

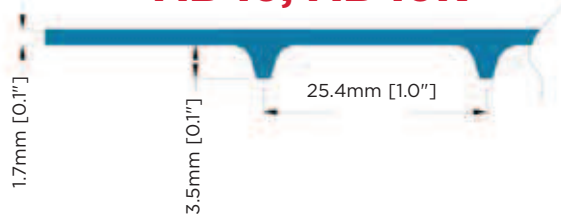


MEGABLUE

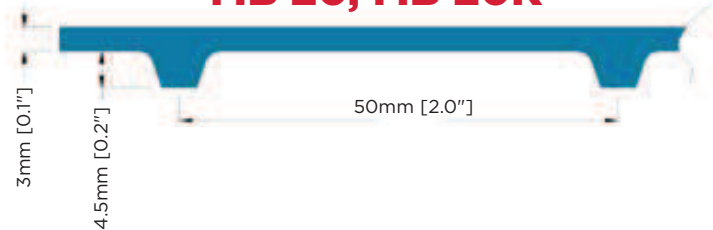
Food Grade Positive Drive Belts



MB 10, MB 10K



MB 20, MB 20K



FDA APPROVED FOR FOOD CONTACT

		MB 10		MB 20	
		Normal version	Kevlar® version	Normal version	Kevlar® version
Nominal Pitch	mm inches	25.4 1"		50 2"	
Belt maximum allowable tension	N/25, 4mm of width	200	220	200	220
Belt max, allowable tension with finger joint		See "Fastening Options" on the next page			
Belt max, allowable tension with Alligator® stainless rivets system					
Belt max, allowable tension with Alligator® plastic rivets system					
Belt weight	g/cm(W)/m(L) lbs./inch(W)/ft(L)	30 0.048		60 0.099	
Min. diameter of the pulley	mm inches	50.8 2		95 3.74	
Hardness	Shore A	95			
Service Temperature range	°C °F	-25°C -13°F		+70°C +158°F	
Standard color		Blue			
Min. length factory welded belt	mm inches	1200 for 530mm wide belt 47.25 for 530mm wide belt			
Standard roll length	meters feet	100 328		100 328	
Standard tension member pitch	mm inches	-- --	17 0.67	-- --	17 0.67
Maximum available width	mm inches	530 21		530 21	
Coefficient of friction on back side	PU vs. stainless steel PU vs. UHMWPE	0.69-0.86 0.17-0.30			
Coefficient of friction on teeth side	PU vs. stainless steel PU vs. UHMWPE	0.58-0.69 0.22-0.31			

Custom construction and rework upon request.

*Kevlar is a registered trademark of DuPont
*Alligator is a registered trademark of Flexco

MEGABLUE

Food Grade Positive Drive Belts



FASTENING OPTIONS

FINGER JOINT

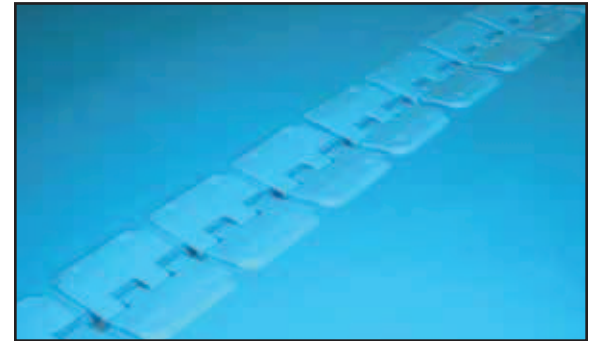
The "Finger Joint" factory weld assures high break resistance, thanks to the improved length of the surface of contact and the overlap of tension members where present.



Finger Joint

PLASTIC RIVET JOINT

The "Plastic Rivet" joint is ideal in those applications where the belt needs to be constantly assembled and disassembled to be cleaned and rinsed.



Plastic Rivet Joint

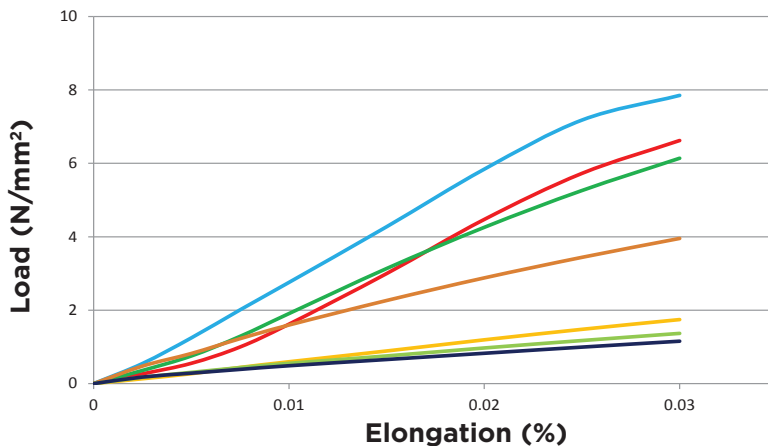
METAL STAPLES JOINT

All of the advantages of a system that can be assembled and disassembled, linked with the strength of metal staples. Stainless steel avoids any deposit of rust caused by the continuous contact of the belt with water.



Metal Staples Joint

ELONGATION GRAPH



- MB 20 KEVLAR - NOT JOINED (REFERENCE)
- MB 20 KEVLAR - FACTORY HOT WELDING
- MB 20 KEVLAR - FLEXCO RS62 ALLIGATOR STAPLE JOINT
- MB 20 KEVLAR - FLEXCO APF 150 PLASTIC RIVET JOINT
- MB 20 - FLEXCO RS62 ALLIGATOR STAPLE JOINT
- MB 20 - NOT JOINED
- MB 20 - FACTORY HOT WELDING