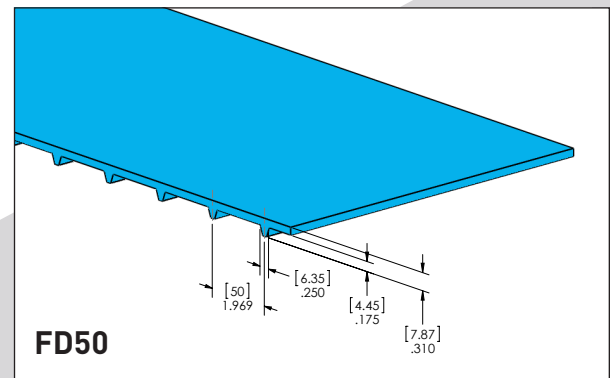


Agilext FD50

Agilext FD50 is a nominal two inch pitch, full drive bar, positive drive food conveyor belt that reduces the risk of microbiological propagation as well as foreign matter contamination from belt breakage. The belt is Clean-In-Place (CIP) appropriate and will reduce water usage and waste water disposal costs when compared to other belt types.

Product Specifications

Belt Type		Full Drive Bar
Designator		FD50
Color		Blue/Ivory
Hardness, Shore A		98
Pitch (mm)		50
Thickness (mm)		3.4
Roll Stock Width (mm)		300 to 1,500
Roll Stock Length (meters)		60
Belt Weight (Kg/m ²)		4.5
Min. Pulley Dia. (mm)		
25+°F		100
> 25°F		150
Min Backbend Dia. (mm)		
25+°F		150
> 25°F		250
Service Temperature Range C°		-20 to 80
C of Friction (dynamic/static)		
vs. UHMW	Wet	.35/.58
	Dry	.20/.30
vs. Stainless Steel	Wet	.40/.57
	Dry	.38/.41
Tensile Force for 2% Elongation (Nm)		33.8



Product Construction

Resin	Ether Grade Polyurethane
Surface Finishes	Matte (Standard)
	Gloss
	Inverted Pyramid
	Diamond Pattern with Oval Bottom (High Release Properties)
Regulatory	Sawtooth
	Conforms to EU No. 10/2011
	USDA Certified for Compliance with USDA Dairy Equipment Guidelines

Agilext FD50

Sprocket Guidelines

Belt Width	150 mm 6"	225 mm 9"	300 mm 12"	375 mm 15"	450 mm 18"	525 mm 21"	600 mm 24"	700 mm 27"	750 mm 30"	900 mm 36"	1000 mm 40"	1150 mm 45"	1200 mm 48"
Min. No. Sprockets Max. 5" (127 mm) spacing center - center	3	3	4	4	5	6	6	7	7	8	9	10	11
No. Sprockets for Max. Allow. Tension Max. 3" (76 mm) spacing center to center	3	4	5	6	7	8	9	10	11	13	15	16	17
Min. No. Carryway Supports 6" (152 mm) spacing center to center	2	3	3	4	4	5	5	6	6	7	8	9	9

Disclaimer

All information as to the application, use and performance of the products are recommendations but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. These products are provided "as is". Agilext disclaims all other warranties, either express or implied, including, but not limited to, implied warranties of merchantability, fitness for a particular purpose, non-infringement, or arising from a course of dealing, usage or trade practice, all of which are hereby excluded to the extent allowed by applicable law. Agilext does not assume any liability concerning the suitability and processability of the products, including indications on process results and output.



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