

"J"

Product Line

A Game-Changer in
Conveyor Belting

When strength meets precision



Introducing
"J" product line,
our latest breakthrough in
belting technology

Power & Precision: Combines exceptional mechanical strength with advanced fabrication flexibility. Engineered in-house for excellence, the new **J material** delivers an **unbeatable combination of strength and performance, with HF weldability**.

Fabrication Excellence

The world's first homogeneous belt engineered for true acid resistance, offering complete HF fabrication capabilities

Low Friction

An exceptionally low Coefficient of Friction offering higher load bearing capacity

Long-Life Performance

Outstanding resistance to chemicals and hydrolysis. Proven outperforms existing materials and suffers less wear and tear from contact with conveyor parts

Sustainable Strength

Low friction and long service life reduce replacements, waste, and energy consumption—even under heavy loads

Built for workstation processing lines

Maximum reliability for long, multi-tiered lines



Pet Food



Snacks



Meat



Poultry



Fruit & Vegetables



Bakery



"J" Product Line

SuperDrive™ - Positive Drive Belts

Product & Color			Shore Hardness	Thickness	Top surface	Bottom surface	Min. Pulley Diameter (MPD)		Max.Pull Force	Max.Pull Force
							mm	inch	Kg/cm width	Lb/inch width
FJB-SD	Blue18		55D	3mm	Smooth	Smooth	115	4.53"	6.8	38.1
			55D	4 mm	Smooth	Smooth	152	6"	9	50.4
FJW-SD	White13		55D	3 mm	Smooth	Smooth	115	4.53"	6.8	38.1
FJB-SD-ITO50	Blue18		55D	3 mm	ITO50	Smooth	115	4.53"	6.8	38.1

DualDrive™ - Positive Drive Belt

FJB-DD	Blue18		55D	3 mm	Smooth	Smooth	115	4.53"	6.8	38.1
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For applications above 100°C (210°F) please contact Volta Technical Team.

Aramid Cord Reinforced (ACR) Friction Driven Flat Belt

Product & Color			Shore Hardness	Thickness	Top surface	Bottom surface	Min. Pulley Diameter (MPD)		PF at pretension of 0.70%		PF at pretension of 1%	
							mm	inch	Butt Welding		Finger Splice	
									Kg/cm width	Lb/inch width	Kg/cm width	Lb/inch width
FJB ACR ITO50	Blue18		55D	2.5 mm	ITO50	Smooth	55	2.16"	5.4	30.26	13	72.8

Designed for continuous operation up to 110°C (230°F) - subject to calculation based on temperature/load.

Fabrication Materials

Usage	Product Type	Color	Thickness/ Size		Top Surface	Bottom Surface	Certifications
Welded Sidewalls	FJB	Blue18	2 mm	0.08"	Smooth	Smooth	FDA/USDA/EU
	FJW	White13	2 mm	0.08"	Smooth	Smooth	
	FEJB-ITO50	Blue18	2 mm	0.08"	Smooth	Embossed	
Cleat/ Flight Material	FJB	Blue18	4 mm	0.16"	Smooth	Smooth	FDA/USDA/EU
	FJW	White13	4 mm	0.16"	Smooth	Smooth	
	FJB	Blue18	6 mm	0.24"	Smooth	Smooth	
	FJW	White13	6 mm	0.24"	Smooth	Smooth	
	FJB-ITO50-ITO50	Blue18	6 mm	0.24"	ITO-50	ITO-50	
	FJB	Blue18	8 mm	0.31"	Smooth	Smooth	
	FJW	White13	8 mm	0.31"	Smooth	Smooth	
Vee Guides	VJB-10/Z	Blue18	10 mm	0.39"	Smooth	Smooth	FDA/USDA/EU
	VJW-10/Z	White13	10 mm	0.39"	Smooth	Smooth	
	VJB-13/A	Blue18	13 mm	0.51"	Smooth	Smooth	
	VJW-13/A	White13	13 mm	0.51"	Smooth	Smooth	
	VJB-17/B	Blue18	17 mm	0.67"	Smooth	Smooth	
RoundFlex™ Lace	LJB-R	Blue18	260 mm	10.24"			FDA/USDA/EU
	LJW-R	White13	260 mm	10.24"			

