

"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:** World's first truly heat- and acid-resistant homogeneous belt adapted to hygienic HF fabrications including side walling
- ✓ **Heat Resistant:** Designed for continuous operation up to 110°C (230°F)
- ✓ **Low Friction:** An exceptionally low Coefficient of Friction offering higher load bearing capacity - outperforms existing materials and suffers less wear and tear from contact with conveyor parts
- ✓ **Long-Life Performance:** Outstanding resistance to chemicals and hydrolysis
- ✓ **Sustainable Strength:** Long service life reduces belt replacements and waste
- ✓ **Built for workstation processing lines** - maximum reliability for long, multi-tiered lines



Pet Food



Snacks



Meat



Poultry



Potato
Processing



Bakery

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Positive Drive Belts - SuperDrive™

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

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	3mm	ITO50	Smooth	65	2.56"	9.8	54.8	14	78.4

Fabrication Materials

Usage	Belt Type	Belt thickness /Profile size
Waved sidewalls	FJB-2	2mm / 0.08"
	FEJB-2-ITO50	2mm / 0.08"
Cleat/ Flight material	FJB-4	4mm / 0.16"
	FJB-6	6mm / 0.24"
	FJB-8	8mm / 0.31"
	FJB-6-ITO50-ITO50	6mm / 0.24"
Guides (Vee profiles)	VJB-8/M	8mm / 0.31"
	VJB-10/Z	10mm / 0.39"
	VJB-13/A	13mm / 0.51"
RoundFlex™ Lace	LJB-R	260mm / 10.24"

