



Invention & Innovation

NITTA

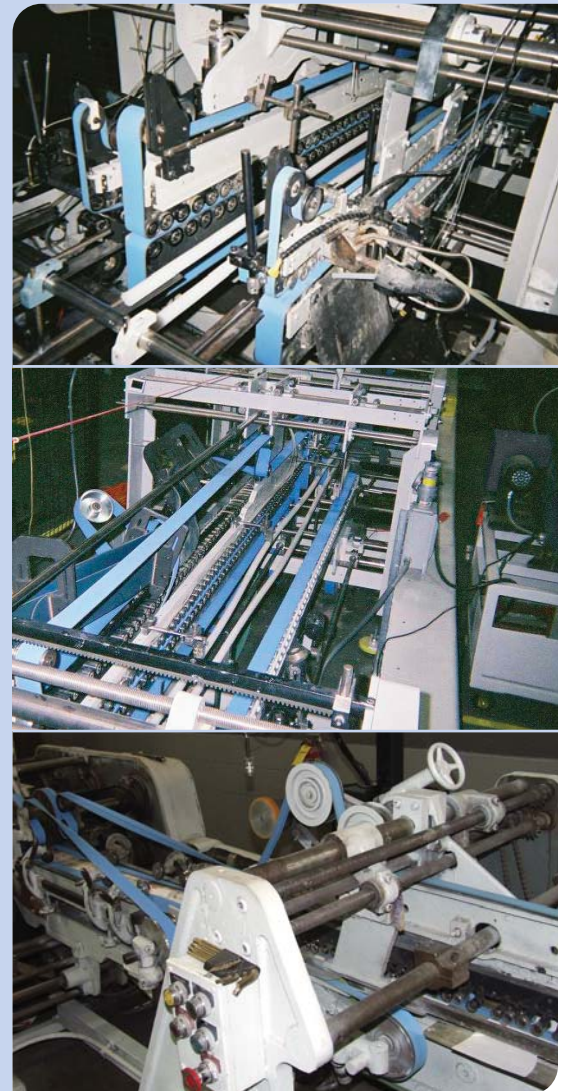
FINGER-SPLICE BELTING

PolySprint™ for Folder Gluers



THE NITTA ADVANTAGE

Nitta Corporation of America greatly improves efficiency for folder gluer machines with Nitta's XH-8E series of PolySprint finger-splice belts. Nitta belts are time-tested and have been proven to outperform the competition. These high quality specifications result in longer life and better cost of ownership / return on investment. Nitta PolySprint provides many advantages over competitive finger-spliceable materials, offering higher running speeds, less downtime, and extended runtime.



PolySprint™ BELTING FOR FOLDER GLUERS

- XH-8E30 (3mm thick), XH-8E40 (4mm thick), and XH-8E55 (5.5mm thick) quick melt finger-splice belts – please see opposite side of flyer for specifications
- Greatly reduces costly downtime as a quick, efficient, and easy-to-install alternative to skived products
- Simple and fast QuikFlex finger-splice system requires no adhesives and minimal training
- Long service life due to highly abrasion-resistant covers – abrasion resistance proven best in industry
- Does not mark paper
- High flexibility, with polyester tension member for high dimensional stability
- Polyester core does not expand or contract as humidity levels change
- Complete tool line available – finger-cutters, digitally controlled heating presses, cooling presses, and pre-setters for splice alignment. Please see opposite side of flyer for more information.

FOLDER GLUER DEMS

- Post
- International
- Staude

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FINGER-SPLICE BELTING FOR *Folder-Gluer Applications*

PolySprint™ XH-8E SERIES BELTS

Belt Type	Surface	Splice	Standard Elongation e% (Installed)	Tension @ Standard Elongation (N/mm)	Min. pulley dia. (mm)	Thickness (mm)	Pulley Side Coeff. of Friction (on steel)	Top Cover Coeff. of Friction (on paper)
XH-8E30	NBR (textured, blue), NBR (textured, blue)	Finger	1%	8	40	3.0	0.7 to 0.8	0.8 to 0.9
XH-8E40	NBR (textured, blue), NBR (textured, blue)	Finger	1%	8	50	4.0	0.7 to 0.8	0.8 to 0.9
XH-8E55	NBR (textured, blue), NBR (textured, blue)	Finger	1%	8	80	5.5	0.7 to 0.8	0.8 to 0.9

PolySprint™ TOOLS FOR XH-8E SERIES BELTS – QUICK AND EASY ENDLESS ■ NO ADHESIVES NEEDED, NO EXPERIENCE REQUIRED

PolySprint tools make replacing broken belts quick and easy, with minimal downtime and no need to disassemble the machine.



	Item and Type	Appearance	Features	Max. Width (mm)	Max. Thick. (mm)	Size (mm)			Wt. (kg)	Finger Length x Pitch	Power	Temp. (°C)
						Width	Length	Height				
Finger Puncher	FP70-10-50 Finger Puncher		Precise indexing system	50	6.0	180	611	208	9.0	70 x 10	N/A	N/A
	FP70-10-100 Finger Puncher		Precise indexing system	100	6.0	230	611	208	10.4	70 x 10	N/A	N/A
Heat Press	NPS-1205 H1 Heat Press		Heat press with digital temperature readout	50	6.0	165	320	115	3.6	70 x 10	100V	~210
	NPS-1205 H2 Heat Press									120 x 10		
	NPS-1210-1 Heat Press		Automated heating and cooling press	100	6.0	230	320	180	9.5	70 x 10	100V	~200
	NPS-1210-2 Heat Press									120 x 10		
Cooling Press	NPS-1205C Cooling Press		Cooling press for finger joints - no power required	50	6.0	165	295	110	1.2	70 x 10 120 x 10	N/A	N/A
Presetter	Presetter		Guide rails to hold joint straight when pressing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A