



Invention & Innovation
NITTA

FINGER-SPLICE BELTING

PolySprint™



PolySprint™ FEATURES AND BENEFITS

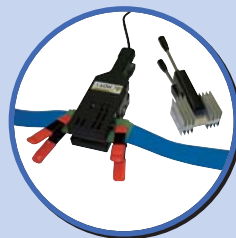
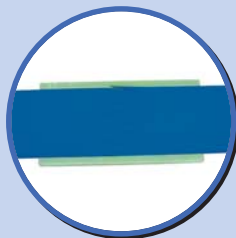
Nitta's PolySprint finger-splice belting is made with a variety of covers and carcasses for a wide range of applications. Some belts are elastic with thermoplastic carcasses; some belts are non-elastic with carcasses reinforced with polyamide or polyester fabrics. Nitta PolySprint outperforms all competitive finger-spliceable materials and has many advantages:

- Greatly reduces costly downtime as a quick 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
- Much lower permanent elongation than competitors
- Splice is much stronger than a butt splice
- 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.

APPLICATIONS

PolySprint fulfills conveying and processing functions primarily in the paper converting, graphic arts and postal industries. Applications include:

- **Printing**
 - ▶ Transport
 - ▶ Stackers
 - ▶ Sheeters
 - ▶ Folders
 - ▶ Bookbinding
- **Paper Converting**
 - ▶ Folder/Gluer
 - ▶ Multiwall Bag
 - ▶ Corrugated
- **Mail Processing**



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PolySprint joining tools minimize downtime and eliminate the 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	FP30-10-50N Finger Puncher		Single action punching system	50	2.0	135	400	390	3.4	30 x 10	N/A	N/A
	FP30-10-100 Finger Puncher		Single action punching system	100	2.0	200	500	504	7.0	30 x 10	N/A	N/A
	FP35-5-30SP2 Finger Puncher		Single action punching with increased eject performance	30	2.0	135	400	410	3.7	35 x 5	N/A	N/A
	FP70-10-50 Finger Puncher		Precise indexing system	50	6.0	180	611	208	9.0	70 x 10	N/A	N/A
	FP120-10-50 Finger Puncher									120 x 10		
	FP70-10-100 Finger Puncher		Precise indexing system	100	6.0	230	611	208	10.4	70 x 10	N/A	N/A
	FP120-10-100 Finger Puncher									120 x 10		
Heat Press	NPS-3050 H1 Heat Press		Heat press with digital temperature readout	50	2.0	84	250	100	1.5	30 x 10	100V	~210
	NPS-3050 H2 Heat Press										200V	
	NPS-0310 H1 Heat Press		Heat press with digital temperature readout	100	2.0	107	365	112	4.2	30 x 10	100V	~210
	NPS-0310 H2 Heat Press										200V	
	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-3050C Cooling Press		Cooling press for finger joints - no power required	50	2.0	80	224	92	0.6	30 x 10	N/A	N/A
	NPS-0310C Cooling Press		Cooling press for finger joints - no power required	100	2.0	102	311	102	2.5	30 x 10	N/A	N/A
	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
Other Tools	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
	PS Toolkit 10x30 OR 5x35 Finger Joining Kit, in Case		FP30-10-50N OR FP35-5-30SP2, NPS-3050H & C, Presetter, Clamps	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A