



**PolySprint™ FEATURES AND BENEFITS**

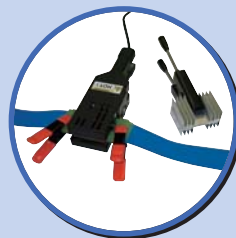
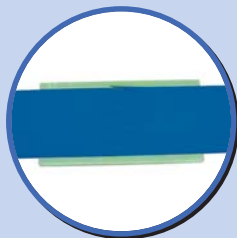
Nitta's PolySprint finger-splice belting is made with a variety of covers and carcasses for a wide range of applications. Some belts are elastic with thermoplastic carcasses; some belts are non-elastic with carcasses reinforced with polyamide or polyester fabrics. Nitta PolySprint outperforms all competitive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



**NITTA CORPORATION OF AMERICA**



**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	
	PCF-157D-1 Heat Press		Heat press with digital temperature readout	50	6.0	165	325	122	3.2	70 x 10 120 x 10	100V	~200
	PCF-157D-2 Heat Press										200V	
	NPS-1210-1 Heat Press		Automated heating and cooling press	100	6.0	230	320	180	9.5	70 x 10 120 x 10	100V	~200
	NPS-1210-2 Heat Press										200V	
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
	PCF-157C Cooling Press		Cooling press for finger joints - no power required	50	6.0	165	325	122	2.4	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