



Invention & Innovation

NITTA

PolySprint[™] for Printing Machine and Book Binding Machine

TTP-8E18N

FZ-5E12

LA-4E14

NTD

TTF-4E10

TTZ-4E10LF

GTD

NSZ5204C

▶ Ease of joining

Finger-splice joints are completed without adhesive. Nitta presetter guiderails ensure alignment.

▶ Dimensional Stability

Polyester fabric used as tension member provides high dimensional stability. Selected materials are temperature and humidity tolerant.

▶ Abrasion Resistance

High temperature friction resistant covers and fabric exclusively designed for printing and paper.

[TTP-8E18N]

Special PA fabric (Purple)

TPU

PES fabric

TPU

Special PA fabric
(White)

[FZ-5E12]

Special PA fabric (NBR corting, Green)

TPE

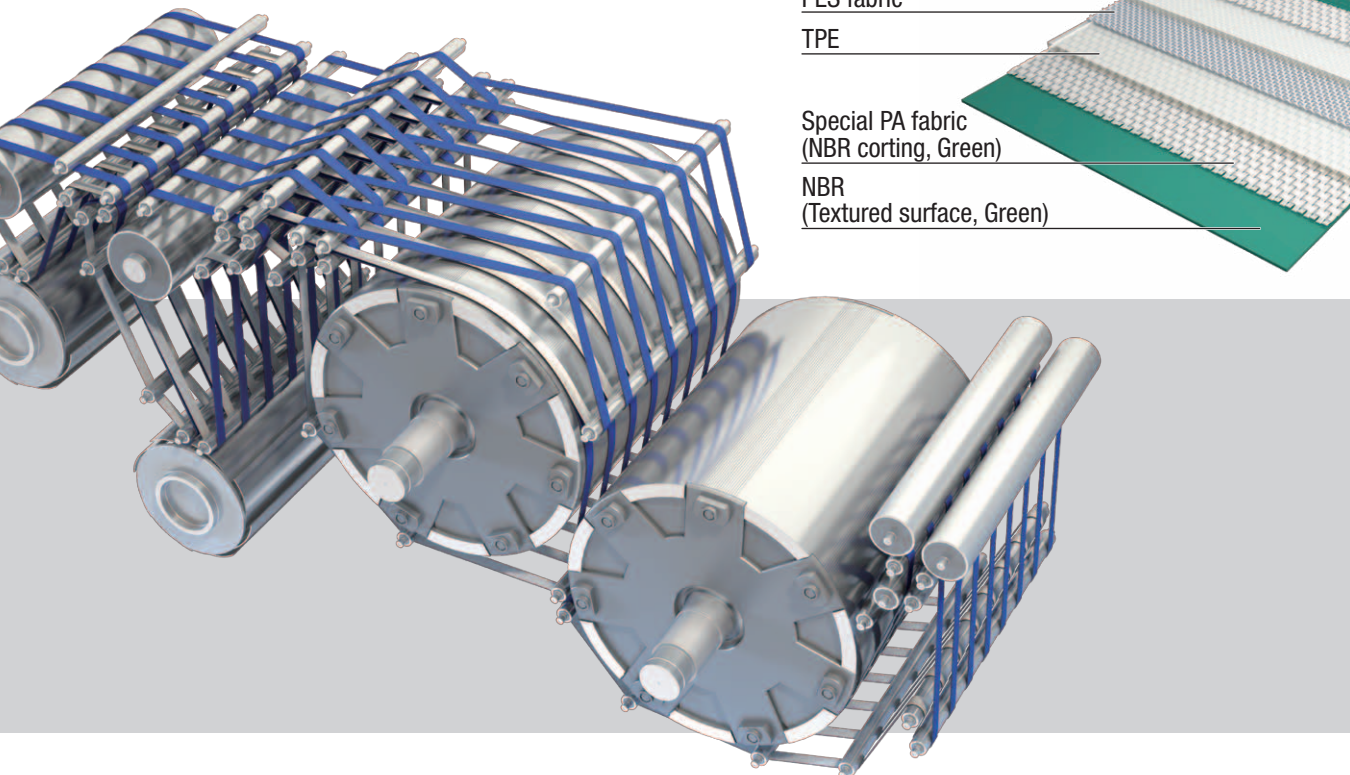
PES fabric

TPE

Special PA fabric
(NBR corting, Green)

NBR

(Textured surface, Green)



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PolySprint for Printing Machine and Book Binding Machine Specifications

Products	Belt Type	Thickness (mm)	Surface material (Color)*1	Tension Member *2	Minimum Pulley Diameter (mm)	Tension @standard Elongation (N/mm) *3	Standard Elongation (%)	Temperature Range (°C)	Printing				Bookbinding						
									Offset Sheet Fed Press	Offset Web Press	Gravure Rotary Press	Newspaper Rotary Press	Collator	Folding Machine	Saddle Stitcher Line	Bookbinder	Sheeter	Conveyor	
PolySprint	TTP-8E18N	1.80	Special fabric (Purple)/ Special fabric (White)	PE Fabric	40	8.0	1	-20 ~ +60			•	•							
	TTF-4E10	1.00	PA fabric (Blue)/ NBR coating fabric (Black)	PE Fabric	15	4.0	1	-20 ~ +60	•						•	•		•	
	FZ-5E12	1.25	NBR coating fabric (Green)/ NBR (Green)	PE Fabric	35	5.0	1	-20 ~ +60	•	•		•	•	•	•	•	•	•	•
	TTZ-4E10LF	1.00	Special fabric (White)/ NBR coating fabric (Green)	PE Fabric	30	4.0	1	-20 ~ +60	•	•		•	•	•	•	•	•		•
	LA-4E14	1.40	NBR (Blue)/ NBR (Blue)	PE Fabric	25	4.0	1	-20 ~ +60							•	•	•		•
	GTD	1.35	NBR (Dark blue)/ TPU (Black)	-	25	1.1	5	0 ~ +60							•	•	•	•	•
	NTD	1.35	Knit (Blue)/ TPU (Black)	-	25	1.0	5	0 ~ +60							•	•	•	•	•
	NSZ5204C	1.00	TPU (Blue)/ Knit(Blue)	PE Fabric	20	2.0	1	-20 ~ +60										•	•

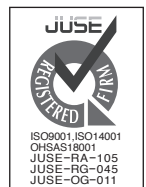
*1 Depending on the application, top and bottom covers can be reversed.

*2 PE: Polyester fabric

*3 Tension is measured after running for 200hours.

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The specification is subject to change for improvement without notice.

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