



Invention & Innovation

NITTA

PolyBelt™ for Printing Machine and Book Binding Machine

TPS-3SN

SG-350

L-500

SG-750-2P

KCS-350

L-350

SGL-500

▶ High Strength, long life

High flexibility and rugged design for heavy-duty applications. Nylon core accommodates shock loads, and wide choice of covers provide abrasion resistance, giving long, dependable service.

▶ Electrically Conductive

Materials with anti-static properties are used in specific layers to provide permanent conductivity, eliminating build-up of electro-static charges.

▶ Environmental Resistance

Selected materials are not susceptible to oil contamination. They demonstrate high energy efficiency and maintain high friction resistance. Covers and nylon core are designed for printing and paper processing with high tear resistance in folder, sheeter and finishing line paper jams.

[TPS-3SN]

PA Fabric (Purple)

PA Film

PA Fabric

NBR coating (Black)



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PolyBelt 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)	Standard Elongation (%)	Temperature Range (°C)	Printing			Bookbinding			
									Offset Sheet Fed Press	Offset Web Press	Newspaper Rotary Press	Collator	Folding Machine	Saddle Stitcher Line	Conveyor
PolyBelt	TPS-3SN	1.10	PA special fabric (Purple)/ NBR coating fabric (Black)	PA	30	3.4	1	-20 ~ +80		•					
	KCS-350	1.10	PA fabric (Blue)/ NBR coating fabric (Black)	PA	30	2.6	1	-20 ~ +80		•					
	SG-350	0.95	NBR coating fabric (Green)/ NBR coating fabric (Black)	PA	30	2.6	1	-20 ~ +80	•		•	•		•	•
	L-350	1.40	NBR (Blue)/ NBR (Black)	PA	30	2.6	1	-20 ~ +80		•			•		•
	L-500	1.55	NBR (Blue)/ NBR (Black)	PA	40	3.75	1	-20 ~ +80		•			•		
	SGL-500	1.10	NBR coating fabric (Green)/ NBR (Black)	PA	40	3.75	1	-20 ~ +80		•					
	SG-750-2P	1.10	NBR coating fabric (Green)/ PA (Clear)	PA	50	5.6	1	-20 ~ +80			•				

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

*2 PA: Polyamide Film

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The specification is subject to change for improvement without notice.

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