

NITTA				
	Poly	Sprint TM		Conveyor Belt
Technical Data	isheet Belt t		STC-1	O PS-008 Ver.3
Applications Postal machin Bookbinding r Light duty con	nachine			
Construction			Tanada	Datta as aide
			Top side	Bottom side Conductive resin
			- Knit	Matte Surface
			Blue	Black
			Tension member Construction	Splice Finger (10×30, 20×20)
			Construction	
Dimensions		Properties		
Width/Roll (max.)		Minimum p	ulley diameter	Tensile properties
	500mm	Flexing		Tensile strength
Width/Endless (max.)		Finger	25mm	15N/mm
	500mm			Elongation at break
Length (max.)		Back flexing		100%
	100m	Finger	25mm	Maximum allowable tension
Total thickness				1.6N/mm
	1.35mm			Maximum allowable elongation

Di	mensions		
	Width/Roll (max.)		
		500mm	
	Width/Endless (max.)		
		500mm	
	Length (max.)		
		100m	
	Total thickness		
		1.35mm	
	Weight		
		1.3 Kg/m ²	
Ple	ease contact Nitta if you nee	ed other dimensions	s.
Re	egulatory complia	nce	

RoHS(2011/65/EC, (EU)2015/863)

Features

Antistatic No tensioning device required Will not damage conveyed goods Accumulation Cut resistance

Slider bed Roller bed

Easy splice with NITTA tool

Dynamic properties

by maining properties
Standard elongation
5.0%
Tension after relaxation at 5.0% *
0.5N/mm
Initial tension at 8.0%
1.6N/mm
Tension after relaxation at 8.0% *
0.8N/mm
Operating temperature range
-20~60° C

*After 200hrs running-in

15N/mm Elongation at break 100% Maximum allowable tension 1.6N/mm Maximum allowable elongation 8.0%	Tensile strength
100% Maximum allowable tension 1.6N/mm Maximum allowable elongation	15N/mm
Maximum allowable tension 1.6N/mm Maximum allowable elongation	Elongation at break
1.6N/mm Maximum allowable elongation	100%
Maximum allowable elongation	Maximum allowable tension
	1.6N/mm
8.0%	Maximum allowable elongation
	8.0%

Coefficient of friction

Тор	vs. Steel
	0.1~0.2
	vs. Paper
	0.2~0.3
Bottom	vs. Steel
	0.3~0.4
	vs. Paper
	0.4~0.5
	vs. Lagged pulley
	0.5~0.7
	vs. POM (resin)
	0.3~0.5

NITTA CORPORATION