
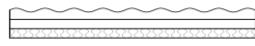


Technical Datasheet		PolySprint™ Belt type	Conveyor Belt
		SNTC-TW18A	PS-085 ver.0
Applications			
<ul style="list-style-type: none"> ▪ Belt on roller / MDR ▪ Logistics ▪ Light duty conveyor 			
Construction			
		Top side Soft TPU Mini rough top Green	Bottom side - Knit Blue
		Tension member - Knit	Splice Finger (10×30, 20×20)
		Construction 	
Dimensions		Properties	
Width/Roll (max.)	1000mm	Minimum pulley diameter	Tensile properties
Width/Endless (max.)	1000mm	Flexing	Tensile strength
Length (max.)	90m	Finger	15N/mm
Total thickness	1.8mm	Back flexing	Elongation at break
Weight	1.5 Kg/m ²	Finger	150%
			Maximum allowable tension
			2.1N/mm
			Maximum allowable elongation
			8.0%
©Please contact Nitta if you need other dimensions.		Dynamic properties	Coefficient of friction
Regulatory compliance		Standard elongation	Top vs. Steel
RoHS(2011/65/EC)		2.0%	0.7~0.8
REACH regulation		Tension after relaxation at 2.0% *	vs. Paper
		0.3N/mm	0.8~0.9
		Initial tension at 8.0%	Bottom vs. Steel
		2.1N/mm	0.1~0.2
		Tension after relaxation at 8.0% *	vs. Paper
		1.0N/mm	0.2~0.3
		Operating temperature range	vs. Lagged pulley
		-20~60°C	0.3~0.5
			vs. POM (resin)
			0.1~0.3
		*After 200hrs running-in	
Features			
Antistatic			
No tensioning device required			
High grip			
Incline conveyance			
Whisper			
Slider bed			
Roller bed			
Easy splice with NITTA tool			