

	Poly	ySprint ™	Sprint [™] Conveyo		
Technical Data	sheet Belt	Belt type STC-10 PS			
Applications Postal machin Bookbinding r Light duty con 	nachine				
Construction					
			Top side - Knit Blue	Bottom side Conductive resin Matte Surface Black	
			Tension member _	Splice Finger	
	\wedge		- Construction	(10×30, 20×20)	
Dimensions		Properties			
Width/Roll (max.)		-	oulley 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	
Weight				8.0%	
	1.3 Kg/m ²				
©Please contact Nitta if you need other dimensions.		s. Dynamic p	roperties	Coefficient of friction	
Pogulatory complia	nco	Standard elon	-	Top vs. Steel	
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RoHS(2011/65/EC)			5.0%	0.1~0.2	
· · · · · · · · · · · · · · · · · · ·	<i>i</i> ce		-		
RoHS(2011/65/EC)			5.0% relaxation at 5.0%	0.1~0.2 vs. Paper	
RoHS(2011/65/EC)			5.0% relaxation at 5.0% 0.5N/mm	0.1~0.2	
RoHS(2011/65/EC)		Tension after	5.0% relaxation at 5.0% 0.5N/mm	0.1~0.2 vs. Paper 0.2~0.3 Bottom vs. Steel	
RoHS(2011/65/EC) REACH regulation		Tension after Initial tension	5.0% relaxation at 5.0% 0.5N/mm at 8.0%	0.1~0.2 vs. Paper 0.2~0.3 Bottom vs. Steel	
RoHS(2011/65/EC) REACH regulation		Tension after Initial tension	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm	0.1~0.2 vs. Paper 0.2~0.3 Bottom vs. Steel 0.3~0.4 vs. Paper	
RoHS(2011/65/EC) REACH regulation		Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0%	0.1~0.2 vs. Paper 0.2~0.3 Bottom vs. Steel 0.3~0.4 vs. Paper	
RoHS(2011/65/EC) REACH regulation	e required	Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0% 0.8N/mm	0.1~0.2 vs. Paper 0.2~0.3 Bottom vs. Steel 0.3~0.4 vs. Paper 0.4~0.5	
RoHS(2011/65/EC) REACH regulation Features Antistatic No tensioning device	e required	Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0% 0.8N/mm pperature range	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	
RoHS(2011/65/EC) REACH regulation Features Antistatic No tensioning devic Will not damage cor	e required	Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0% 0.8N/mm pperature range	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	
RoHS(2011/65/EC) REACH regulation Features Antistatic No tensioning devic Will not damage cor Accumulation	e required	Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0% 0.8N/mm operature range -20~60°C	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)	
REACH regulation Features Antistatic No tensioning devic Will not damage cor Accumulation Cut resistance	e required	Tension after Initial tension Tension after	5.0% relaxation at 5.0% 0.5N/mm at 8.0% 1.6N/mm relaxation at 8.0% 0.8N/mm operature range -20~60°C	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)	

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