



Technical Data Sheet		Belt type	<i>PolySprint</i>	Nitta Corporation of America	
		PS-008	<b>STC-10</b>		
Main uses	Postal				
No.	Item		Description	Remarks	
1	Specification	Construction		<ol style="list-style-type: none"> <li>1) Knit (Blue)</li> <li>2) TPU (Blue)</li> <li>3) Conductive TPU (Matte surface, black)</li> </ol>	
2	Dimensions	Antistatic	yes		
		Width	10 to 300 mm		
		Length	400 to 100,000 mm		
		Thickness	1.35 {mm}		
		Joint	Finger Joint (standard dimension: 10W x 30L)		
3	Properties	Tensile strength	15 N/mm	Test speed: 50mm/min Ambient condition: 23°C@50%	
		Elongation at break	100 %		
		Recommended elongation	5 %		
		Working Load at 5%	1.0 N/mm after 200 hrs. running-in		
		Minimum Pulley Dia.	25 mm		
		Temperature range	-20 to +60 °C		
		Coefficient of friction	0.2 to 0.3 (paper) / 0.1 to 0.2 (steel)(knit side) 0.6 to 0.7 (paper) / 0.3 to 0.4 (steel)(black side)	Measuring condition: 7kPa@1mm/s Ambient condition: 23°C@50%	
Mass	1.3 kg/m <sup>2</sup>				
4	Features				

2003/7/30