



Technical Data Sheet		Belt type	<i>PolySprint</i>	Nitta Corporation of America	
PS-010			TDN		
Main uses	Postal				
No.	Item		Description	Remarks	
1	Specification	Construction		<ol style="list-style-type: none"> 1) Hard TPU (Taffeta profile, green) 2) PA Fabric 3) Conductive TPU (Textured pattern, black) 	
2	Dimensions	Antistatic	yes		
		Width	10 to 300 mm		
		Length	400 to 100,000 mm		
		Thickness	1.0 mm		
		Joint	Finger Joint (standard dimension: 10W x 30L) & Skiver Joint		
3	Properties	Tensile strength	40 N/mm	Test speed: 50mm/min Ambient condition: 23°C@50%	
		Elongation at break	20 %		
		Recommended elongation	2 %		
		Working Load at 2%	3.0 N/mm after 200 hrs. running-in		
		Minimum Pulley Dia.	40 mm		
		Temperature range	-20 to +60 °C		
		Coefficient of friction	0.3 to 0.4 (paper) / 0.2 to 0.3 (steel)(green 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	1.1 kg/m ²				
4	Features				

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