



Technical Data Sheet		Belt type	<i>PolySprint</i>	Nitta Corporation of America	
		PS-012	DB-4E14		
Main uses	Postal				
No.	Item		Description	Remarks	
1	Specification	Construction		1) TPU (Taffeta profile, blue) 2) PES Fabric	
2	Dimensions	Antistatic	yes		
		Width	10 to 300 mm		
		Length	400 to 100,000 mm		
		Thickness	1.4 mm		
		Joint	Finger Joint (standard dimension: 10W x 30L)		
3	Properties	Tensile strength	45 N/mm	Test speed: 50mm/min Ambient condition: 23°C@50%	
		Elongation at break	13 %		
		Recommended elongation	1 %		
		Working Load at 1%	8 N/mm after 200 hrs. running-in		
		Minimum Pulley Dia.	25 mm		
		Temperature range	-20 to +60 °C		
		Coefficient of friction	0.7 to 0.8 (paper) / 0.3 to 0.4 (steel) (both sides)	Measuring condition: 7kPa@1mm/s Ambient condition: 23°C@50%	
	Mass	1.4 kg/m ²			
4	Features				

2003/7/30