



Technical Data Sheet		Belt type	PolySprint		NITTA CORPORATION		
PS-034			DB-2E12F		 NITTA		
Main uses	Postal						
No.	Item	Description			Remarks		
1	Specification	Construction				①TPU (Taffeta surface, Blue)	
						②PES fabric	
						③Conductive TPU (Mat surface, Black)	
2	Dimensions	Antistatic	yes				
		Width	10 to 300 {mm}				
		Length	400 to 100,000 {mm}				
		Thickness	1.2 {mm}				
		Joint	Finger Joint (standard dimension: 10W * 30L)				
3	Properties	Tensile strength	75 {N/mm}			Test speed: 50mm/min	
		Elongation at break	25 {%}			Ambient condition: 23'C*50%	
		Recomend elongation	1 {%}				
		Tension at 1%	2.0 {N/mm} after 200hrs running-in			Ambient condition: 23'C*50%	
		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) (Blue side)			Measuring condition: 7kPa*1mm/s	
	0.6 to 0.7(Paper)/0.3 to 0.4(Steel) (Black side)			Ambient condition: 23'C*50%			
		Mass	1.5 {kg/m <sup>2</sup> }				
4	Features						