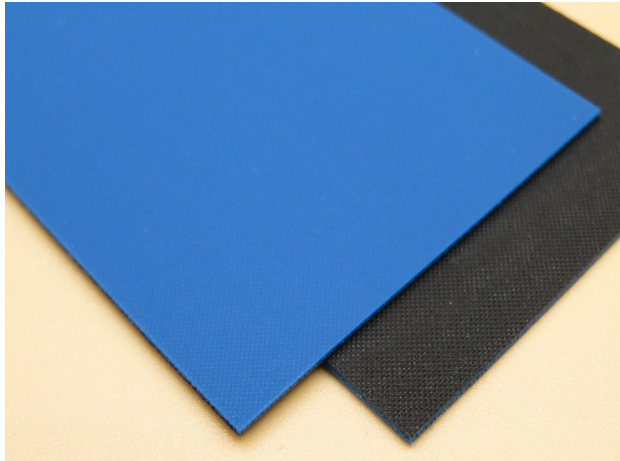
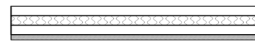


Technical Datasheet		PolySprint™		Conveyor Belt	
		Belt type		TA-S6	
				PS-003 Ver.3	
Applications <ul style="list-style-type: none">▪ Bookbinding machine▪ Postal machine▪ Light duty conveyor					
Construction					
		Top side		Bottom side	
		TPU		Conductive resin	
		Taffeta pattern		Taffeta pattern	
		Blue		Black	
		Tension member		Splice	
		-		Finger	
		Knit		(10×30, 20×20)	
		Construction			
Dimensions					
Width/Roll (max.)		500mm			
Width/Endless (max.)		500mm			
Length (max.)		70m			
Total thickness		0.9mm			
Weight		1.0 Kg/m²			
Please contact Nitta if you need other dimensions.					
Regulatory compliance					
RoHS(2011/65/EC, (EU)2015/863)					
Features					
Antistatic					
No tensioning device required					
Cut resistance					
Slider bed					
Roller bed					
Easy splice with NITTA tool					
Properties					
Minimum pulley diameter					
Flexing		Finger 25mm			
Back flexing		Finger 25mm			
Dynamic properties					
Standard elongation		5.0%			
Tension after relaxation at 5.0% *		0.6N/mm			
Initial tension at 8.0%		2.0N/mm			
Tension after relaxation at 8.0% *		1.0N/mm			
Operating temperature range		-20~60°C			
*After 200hrs running-in					
Tensile properties					
Tensile strength		10N/mm			
Elongation at break		100%			
Maximum allowable tension		2.0N/mm			
Maximum allowable elongation		8.0%			
Coefficient of friction					
Top		vs. Steel 0.4~0.5			
		vs. Paper 0.5~0.6			
Bottom		vs. Steel 0.3~0.4			
		vs. Paper 0.4~0.5			
		vs. Lagged pulley 0.5~0.7			
		vs. POM (resin) 0.3~0.5			

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