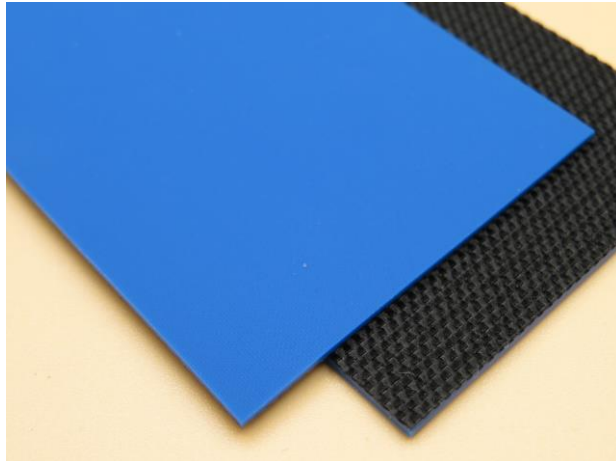



Technical Datasheet		PolySprint™		Conveyor Belt	
		Belt type		TA09	
				PS-001 ver.0	
Applications <ul style="list-style-type: none">▪ Belt on roller / MDR▪ Bookbinding machine▪ Postal machine▪ Logistics▪ Weight checker▪ Light duty conveyor					
Construction					
		Top side		Bottom side	
		TPU		Conductive resin	
		Taffeta pattern		Rough pattern	
		Blue		Black	
		Tension member		Splice	
-		Finger			
-		(10×30, 20×20)			
		Skiver			
Construction					
Dimensions					
Width/Roll (max.)		1000mm			
Width/Endless (max.)		1000mm			
Length (max.)		100m			
Total thickness		0.9mm			
Weight		0.9 Kg/m²			
©Please contact Nitta if you need other dimensions.					
Regulatory compliance					
Food Sanitation Act (Japan)					
RoHS(2011/65/EC)					
REACH regulation					
Features					
Antistatic					
No tensioning device required					
Slider bed					
Roller bed					
Easy splice with NITTA tool					
Properties					
Minimum pulley diameter					
Flexing					
Finger 20mm					
Skiver 20mm					
Back flexing					
Finger 20mm					
Skiver 20mm					
Dynamic properties					
Standard elongation					
5.0%					
Tension after relaxation at 5.0% *					
0.4N/mm					
Initial tension at 8.0%					
1.4N/mm					
Tension after relaxation at 8.0% *					
0.7N/mm					
Operating temperature range					
-20~60°C					
*After 200hrs running-in					
Tensile properties					
Tensile strength					
20N/mm					
Elongation at break					
500%					
Maximum allowable tension					
1.4N/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					
NITTA CORPORATION					