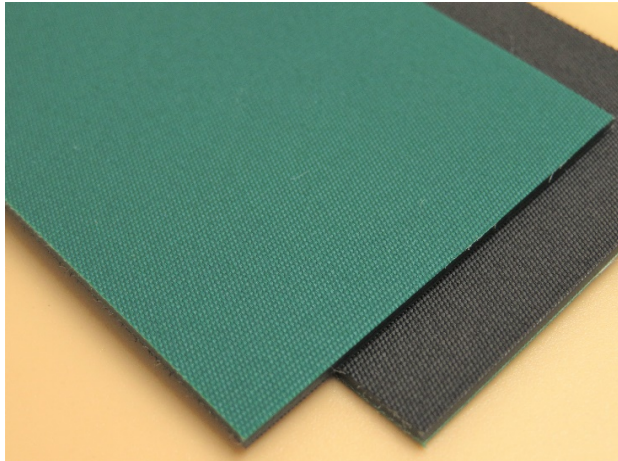



Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt	
	Belt type	SG-750	PB-004 Ver.3
Applications <ul style="list-style-type: none"><li>▪ Can manufacturing machine</li><li>▪ Light duty conveyor</li></ul>			
Construction			
	Top side	Bottom side	
	Polyamide	Polyamide	
	-	-	
	NBR-impreg. fabric	NBR-impreg. fabric	
	Green	Black	
	Tension member	Splice	
	Polyamide	Skiver	
	Film		
	0.75mm		
	Construction		
Dimensions			
Width/Roll (max.)	325mm		
Width/Endless (max.)	300mm		
Length (max.)	105m		
Total thickness	1.35mm		
Weight	1.4 Kg/m²		
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic			
Moderate C.O.F.			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Power Transmission Application		75mm	
Skiver			
Conveyor Application		50mm	
Skiver			
Dynamic properties			
Standard elongation		2.0%	
Tension after relaxation at 2.0%		11.2N/mm	
Initial tension at 3.0%		33.6N/mm	
Tension after relaxation at 3.0%		16.8N/mm	
Operating temperature range		-20~80°C	
Operating temperature range*		-20~80°C	
*When under continuous use			
Tensile properties			
Tensile strength		225N/mm	
Elongation at break		20%	
Maximum allowable tension		33.6N/mm	
Maximum allowable elongation		3.0%	
Coefficient of friction			
Top	vs. Steel	0.3~0.4	
	vs. Paper	0.4~0.5	
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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