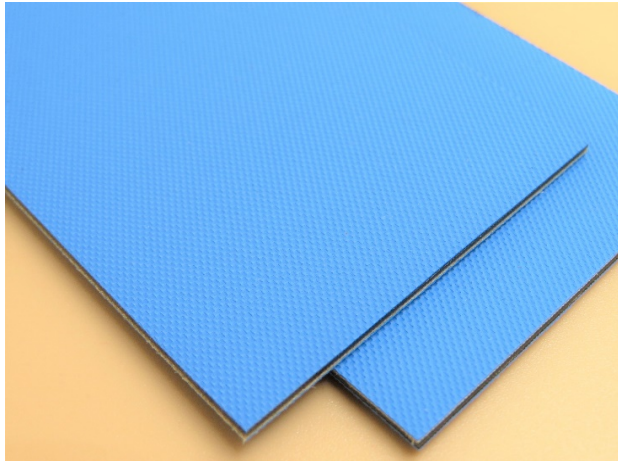



Technical Datasheet		PolyBelt™	Power Transmission and Conveyor Belt	
		Belt type	LA-500	PB-156 Ver.3
Applications				
▪ Right angle transfer / RAT				
▪ Bookbinding machine				
▪ Light duty transmission				
▪ Light duty conveyor				
Construction				
		Top side	Bottom side	
		NBR	NBR	
		0.3mm	0.3mm	
		Rough pattern	Rough pattern	
		Blue	Blue	
		Tension member	Splice	
		Polyamide	Skiver	
		Film		
		0.5mm		
		Construction		
Dimensions				
Width/Roll (max.)		325mm		
Width/Endless (max.)		300mm		
Length (max.)		105m		
Total thickness		1.6mm		
Weight		1.8 Kg/m²		
Please contact Nitta if you need other dimensions.				
Regulatory compliance				
RoHS(2011/65/EC,				
(EU)2015/863)				
Features				
Antistatic				
Superior abrasion resistance				
Superior oil resistance				
Light colored on both covers				
Roller bed				
Thin (Light) rubber type				
Properties				
Minimum pulley diameter				
Power Transmission Application		Skiver 50mm		
Conveyor Application		Skiver 40mm		
Dynamic properties				
Standard elongation		2.0%		
Tension after relaxation at 2.0%		7.5N/mm		
Initial tension at 3.0%		22.5N/mm		
Tension after relaxation at 3.0%		11.3N/mm		
Operating temperature range		-20~80°C		
Operating temperature range*		-20~80°C		
*When under continuous use				
Tensile properties				
Tensile strength		150N/mm		
Elongation at break		20%		
Maximum allowable tension		22.5N/mm		
Maximum allowable elongation		3.0%		
Coefficient of friction				
Top		vs. Steel 0.5~0.6		
		vs. Paper 0.6~0.7		
Bottom		vs. Steel 0.5~0.6		
		vs. Paper 0.6~0.7		
		vs. Lagged pulley 0.7~0.9		
		vs. POM (resin) 0.5~0.7		
NITTA CORPORATION				