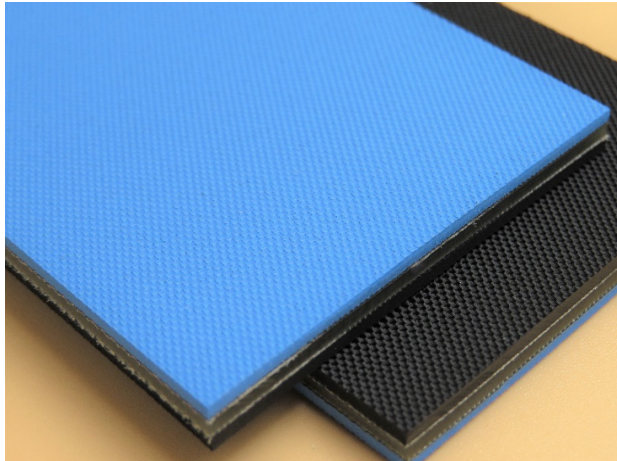



Technical Datasheet		PolyBelt™ Power Transmission and Conveyor Belt	
		Belt type	H-1000
		PB-039 Ver.3	
Applications			
▪ General transmission belt			
Construction			
	Top side	Bottom side	
	NBR	NBR	
	1.1mm	1.1mm	
	Rough pattern	Rough pattern	
	Blue	Black	
	Tension member	Splice	
	Polyamide	Skiver	
	Film		
	1.0mm		
	Construction		
Dimensions			
Width/Roll (max.)	325mm		
Width/Endless (max.)	300mm		
Length (max.)	105m		
Total thickness	4.0mm		
Weight	4.4 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			
Thick (Heavy) rubber type			
Properties			
Minimum pulley diameter			
Power Transmission Application			
Skiver		100mm	
Conveyor Application			
Skiver		75mm	
Dynamic properties			
Standard elongation		2.0%	
Tension after relaxation at 2.0%		15.0N/mm	
Initial tension at 3.0%		45.0N/mm	
Tension after relaxation at 3.0%		22.5N/mm	
Operating temperature range		-20~80°C	
Operating temperature range*		-20~80°C	
*When under continuous use			
Tensile properties			
Tensile strength		300N/mm	
Elongation at break		20%	
Maximum allowable tension		45.0N/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	
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