
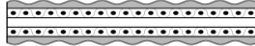


Technical Datasheet		PolyBelt™	Power Transmission and Conveyor Belt
		Belt type	<b>L-250</b>
		PB-009 ver.0	
<b>Applications</b>			
<ul style="list-style-type: none"> <li>▪ Right angle transfer / RAT</li> <li>▪ Bookbinding machine</li> <li>▪ Light duty transmission</li> </ul>		<ul style="list-style-type: none"> <li>▪ Light duty conveyor</li> </ul>	
<b>Construction</b>			
		Top side	Bottom side
		NBR	NBR
		0.3mm	0.3mm
		Rough pattern	Rough pattern
		Blue	Black
		Tension member	Splice
		Polyamide	Skiver
		Film	
		0.2mm	
		Construction	
<b>Dimensions</b>		<b>Properties</b>	
Width/Roll (max.)	325mm	<b>Minimum pulley diameter</b>	
Width/Endless (max.)	300mm	Power Transmission Application	Skiver
Length (max.)	105m	Skiver	25mm
Total thickness	1.25mm	Conveyor Application	Skiver
Weight	1.4 Kg/m <sup>2</sup>	Skiver	20mm
<small>©Please contact Nitta if you need other dimensions.</small>		<b>Dynamic properties</b>	
<b>Regulatory compliance</b>		Standard elongation	2.0%
RoHS(2011/65/EC)		Tension after relaxation at 2.0%	3.0N/mm
REACH regulation		Initial tension at 3.0%	9.0N/mm
<b>Features</b>		Tension after relaxation at 3.0%	4.5N/mm
Antistatic		Operating temperature range	-20~80°C
Superior abrasion resistance		Operating temperature range*	-20~80°C
Superior oil resistance		<small>*When under continuous use</small>	
Roller bed		<b>Tensile properties</b>	
Thin (Light) rubber type		Tensile strength	
		60N/mm	
		Elongation at break	
		20%	
		Maximum allowable tension	
		9.0N/mm	
		Maximum allowable elongation	
		3.0%	
		<b>Coefficient of friction</b>	
		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	
<b>NITTA CORPORATION</b>			