


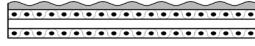
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	<b>XHTA-500-4</b> PN-029 Ver.0

**Applications**

**Construction**



Top side	Bottom side
NBR	Polyamide
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Rough pattern	Fabric
Blue	Blue
Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction 

<p><b>Dimensions</b></p> <p>Width/Roll (max.) 320mm</p> <p>Width/Endless (max.) 320mm</p> <p>Length (max.) 50m</p> <p>Total thickness 4.0mm</p> <p>Weight 4.2 Kg/m<sup>2</sup></p> <p>Please contact Nitta if you need other dimensions.</p> <p><b>Regulatory compliance</b></p> <p>RoHS(2011/65/EC, (EU)2015/863)</p> <p><b>Features</b></p> <p>Antistatic</p>	<p><b>Properties</b></p> <p><b>Minimum pulley diameter</b></p> <p>Power Transmission Application Skiver 60mm</p> <p>Conveyor Application Skiver 60mm</p> <p><b>Dynamic properties</b></p> <p>Standard elongation 1.0%</p> <p>Tension after relaxation at 1.0% 3.8N/mm</p> <p>Initial tension at 3.0% 22.5N/mm</p> <p>Tension after relaxation at 3.0% 11.3N/mm</p> <p>Operating temperature range -20~80°C</p> <p>Operating temperature range* -20~80°C</p> <p>*When under continuous use</p>	<p><b>Tensile properties</b></p> <p>Tensile strength 150N/mm</p> <p>Elongation at break 20%</p> <p>Maximum allowable tension 22.5N/mm</p> <p>Maximum allowable elongation 3.0%</p> <p><b>Coefficient of friction</b></p> <p>Top vs. Steel 0.7~0.8</p> <p>vs. Paper 0.8~0.9</p> <p>Bottom vs. Steel 0.2~0.3</p> <p>vs. Paper 0.3~0.4</p> <p>vs. Lagged pulley 0.4~0.6</p> <p>vs. POM (resin) 0.2~0.4</p>
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