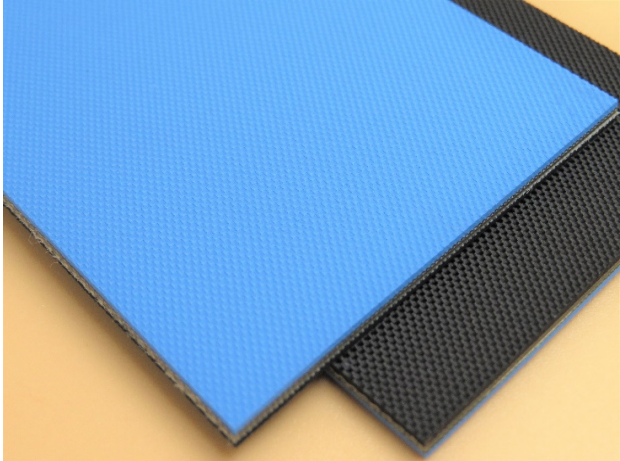


Technical Datasheet	PolyBelt™ Belt type	Power Transmission and Conveyor Belt M-250	PB-024 Ver.3
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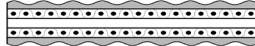
Applications

- Right angle transfer / RAT
- Bookbinding machine
- Light duty transmission
- Light duty conveyor

Construction



Top side	Bottom side
NBR	NBR
0.6mm	0.6mm
Rough pattern	Rough pattern
Blue	Black
Tension member	Splice
Polyamide	Skiver
Film	
0.2mm	

Construction 

<p>Dimensions</p> <table border="0" style="width: 100%;"> <tr><td>Width/Roll (max.)</td><td style="text-align: right;">325mm</td></tr> <tr><td>Width/Endless (max.)</td><td style="text-align: right;">300mm</td></tr> <tr><td>Length (max.)</td><td style="text-align: right;">105m</td></tr> <tr><td>Total thickness</td><td style="text-align: right;">2.2mm</td></tr> <tr><td>Weight</td><td style="text-align: right;">2.4 Kg/m²</td></tr> </table> <p>Please contact Nitta if you need other dimensions.</p> <p>Regulatory compliance</p> <p>RoHS(2011/65/EC, (EU)2015/863)</p> <p>Features</p> <ul style="list-style-type: none"> Antistatic Superior abrasion resistance Superior oil resistance Roller bed Medium thickness rubber type 	Width/Roll (max.)	325mm	Width/Endless (max.)	300mm	Length (max.)	105m	Total thickness	2.2mm	Weight	2.4 Kg/m ²	<p>Properties</p> <p>Minimum pulley diameter</p> <table border="0" style="width: 100%;"> <tr><td>Power Transmission Application</td><td style="text-align: right;">25mm</td></tr> <tr><td>Skiver</td><td style="text-align: right;">25mm</td></tr> <tr><td colspan="2"> </td></tr> <tr><td>Conveyor Application</td><td style="text-align: right;">25mm</td></tr> <tr><td>Skiver</td><td style="text-align: right;">25mm</td></tr> </table> <p>Dynamic properties</p> <table border="0" style="width: 100%;"> <tr><td>Standard elongation</td><td style="text-align: right;">2.0%</td></tr> <tr><td>Tension after relaxation at 2.0%</td><td style="text-align: right;">3.0N/mm</td></tr> <tr><td>Initial tension at 3.0%</td><td style="text-align: right;">9.0N/mm</td></tr> <tr><td>Tension after relaxation at 3.0%</td><td style="text-align: right;">4.5N/mm</td></tr> <tr><td>Operating temperature range</td><td style="text-align: right;">-20~80°C</td></tr> <tr><td>Operating temperature range*</td><td style="text-align: right;">-20~80°C</td></tr> </table> <p style="text-align: center; font-size: small;">*When under continuous use</p>	Power Transmission Application	25mm	Skiver	25mm			Conveyor Application	25mm	Skiver	25mm	Standard elongation	2.0%	Tension after relaxation at 2.0%	3.0N/mm	Initial tension at 3.0%	9.0N/mm	Tension after relaxation at 3.0%	4.5N/mm	Operating temperature range	-20~80°C	Operating temperature range*	-20~80°C	<p>Tensile properties</p> <table border="0" style="width: 100%;"> <tr><td>Tensile strength</td><td style="text-align: right;">60N/mm</td></tr> <tr><td>Elongation at break</td><td style="text-align: right;">20%</td></tr> <tr><td>Maximum allowable tension</td><td style="text-align: right;">9.0N/mm</td></tr> <tr><td>Maximum allowable elongation</td><td style="text-align: right;">3.0%</td></tr> </table> <p>Coefficient of friction</p> <table border="0" style="width: 100%;"> <tr><td>Top</td><td>vs. Steel</td><td style="text-align: right;">0.5~0.6</td></tr> <tr><td></td><td>vs. Paper</td><td style="text-align: right;">0.6~0.7</td></tr> <tr><td>Bottom</td><td>vs. Steel</td><td style="text-align: right;">0.5~0.6</td></tr> <tr><td></td><td>vs. Paper</td><td style="text-align: right;">0.6~0.7</td></tr> <tr><td></td><td>vs. Lagged pulley</td><td style="text-align: right;">0.7~0.9</td></tr> <tr><td></td><td>vs. POM (resin)</td><td style="text-align: right;">0.5~0.7</td></tr> </table>	Tensile strength	60N/mm	Elongation at break	20%	Maximum allowable tension	9.0N/mm	Maximum allowable elongation	3.0%	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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