


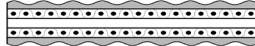
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	MA-500 PN-015 Ver.0

Applications

Construction



Top side	Bottom side
NBR	NBR
0.6mm	0.6mm
Rough pattern	Rough pattern
Blue	Blue
Tension member	Splice
Polyamide	Skiver
Film	
0.5mm	

Construction 

<p>Dimensions</p> <p>Width/Roll (max.) 320mm</p> <p>Width/Endless (max.) 320mm</p> <p>Length (max.) 100m</p> <p>Total thickness 2.5mm</p> <p>Weight 2.7 Kg/m²</p> <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 Medium thickness rubber type 	<p>Properties</p> <p>Minimum pulley diameter</p> <p>Power Transmission Application Skiver 50mm</p> <p>Conveyor Application Skiver 40mm</p> <p>Dynamic properties</p> <p>Standard elongation 2.0%</p> <p>Tension after relaxation at 2.0% 7.5N/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>Tensile properties</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>Coefficient of friction</p> <table border="1"> <tr> <td>Top</td> <td>vs. Steel</td> <td>0.5~0.6</td> </tr> <tr> <td></td> <td>vs. Paper</td> <td>0.6~0.7</td> </tr> <tr> <td>Bottom</td> <td>vs. Steel</td> <td>0.5~0.6</td> </tr> <tr> <td></td> <td>vs. Paper</td> <td>0.6~0.7</td> </tr> <tr> <td></td> <td>vs. Lagged pulley</td> <td>0.7~0.9</td> </tr> <tr> <td></td> <td>vs. POM (resin)</td> <td>0.5~0.7</td> </tr> </table>	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
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																		