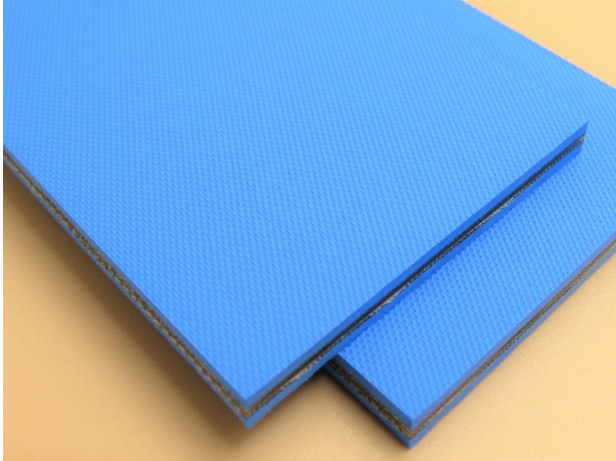
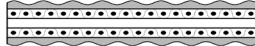


<b>Technical Datasheet</b>	<b>PolyBelt™</b>	<b>Power Transmission and Conveyor Belt</b>
	Belt type	<b>XH-500-5</b>
		PB-051 Ver.3

- Applications**
- Folder gluer
  - Woodworking machine
  - Light duty conveyor

**Construction**



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Top side</td><td style="text-align: center;">Bottom side</td></tr> <tr><td style="text-align: center;">NBR</td><td style="text-align: center;">NBR</td></tr> <tr><td style="text-align: center;">1.9mm</td><td style="text-align: center;">1.9mm</td></tr> <tr><td style="text-align: center;">Rough pattern</td><td style="text-align: center;">Rough pattern</td></tr> <tr><td style="text-align: center;">Blue</td><td style="text-align: center;">Blue</td></tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Tension member</td><td style="text-align: center;">Splice</td></tr> <tr><td style="text-align: center;">Polyamide</td><td style="text-align: center;">Skiver</td></tr> <tr><td style="text-align: center;">Film</td><td style="text-align: center;"></td></tr> <tr><td style="text-align: center;">0.5mm</td><td style="text-align: center;"></td></tr> </table>	Top side	Bottom side	NBR	NBR	1.9mm	1.9mm	Rough pattern	Rough pattern	Blue	Blue	Tension member	Splice	Polyamide	Skiver	Film		0.5mm		<p style="text-align: center;">Construction </p>
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**Dimensions**

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	50m
Total thickness	5.0mm
Weight	6.8 Kg/m <sup>2</sup>

Please contact Nitta if you need other dimensions.

**Regulatory compliance**  
RoHS(2011/65/EC,  
(EU)2015/863)

- Features**
- Antistatic
  - High grip
  - Twist resistance
  - Superior abrasion resistance
  - Thicker (Extra Heavy) rubber type

**Properties**

<b>Minimum pulley diameter</b>	
Power Transmission Application	70mm
Skiver	50mm
<b>Conveyor Application</b>	
Skiver	50mm

**Dynamic properties**

Standard elongation	1.0%
Tension after relaxation at 1.0%	3.8N/mm
Initial tension at 2.0%	15.2N/mm
Tension after relaxation at 2.0%	7.6N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

\*When under continuous use

**Tensile properties**

Tensile strength	150N/mm
Elongation at break	20%
Maximum allowable tension	15.2N/mm
Maximum allowable elongation	2.0%

**Coefficient of friction**

	Top	vs. Steel	0.7~0.8
		vs. Paper	0.8~0.9
	Bottom	vs. Steel	0.7~0.8
		vs. Paper	0.8~0.9
		vs. Lagged pulley	0.9~1.1
		vs. POM (resin)	0.7~0.9