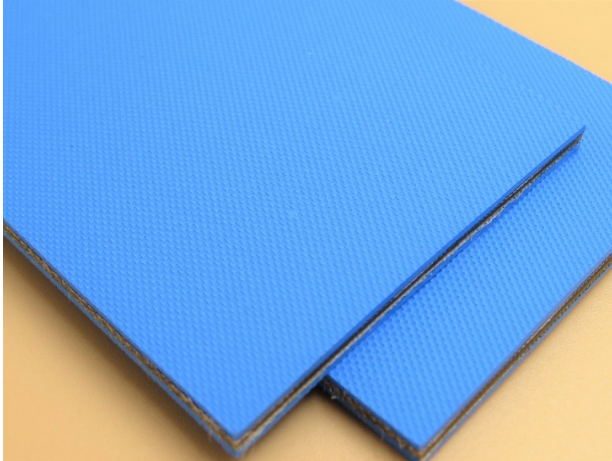


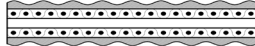
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	XH-750-3
		PB-054 Ver.3

Applications

- Folder gluer
- Woodworking machine
- Medium duty conveyor

Construction



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Top side</td><td style="padding: 2px;">Bottom side</td></tr> <tr><td style="padding: 2px;">NBR</td><td style="padding: 2px;">NBR</td></tr> <tr><td style="padding: 2px;">0.9mm</td><td style="padding: 2px;">0.9mm</td></tr> <tr><td style="padding: 2px;">Rough pattern</td><td style="padding: 2px;">Rough pattern</td></tr> <tr><td style="padding: 2px;">Blue</td><td style="padding: 2px;">Blue</td></tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Tension member</td><td style="padding: 2px;">Splice</td></tr> <tr><td style="padding: 2px;">Polyamide</td><td style="padding: 2px;">Skiver</td></tr> <tr><td style="padding: 2px;">Film</td><td style="padding: 2px;"></td></tr> <tr><td style="padding: 2px;">0.75mm</td><td style="padding: 2px;"></td></tr> </table>	Top side	Bottom side	NBR	NBR	0.9mm	0.9mm	Rough pattern	Rough pattern	Blue	Blue	Tension member	Splice	Polyamide	Skiver	Film		0.75mm		<p>Construction </p>
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Dimensions

Width/Roll (max.)	320mm
Width/Endless (max.)	300mm
Length (max.)	103m
Total thickness	3.25mm
Weight	3.6 Kg/m ²

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

Minimum pulley diameter	
Power Transmission Application	75mm
Skiver	55mm
Conveyor Application	
Skiver	55mm

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	5.6N/mm
Initial tension at 2.0%	22.4N/mm
Tension after relaxation at 2.0%	11.2N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Tensile properties

Tensile strength	225N/mm
Elongation at break	20%
Maximum allowable tension	22.4N/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