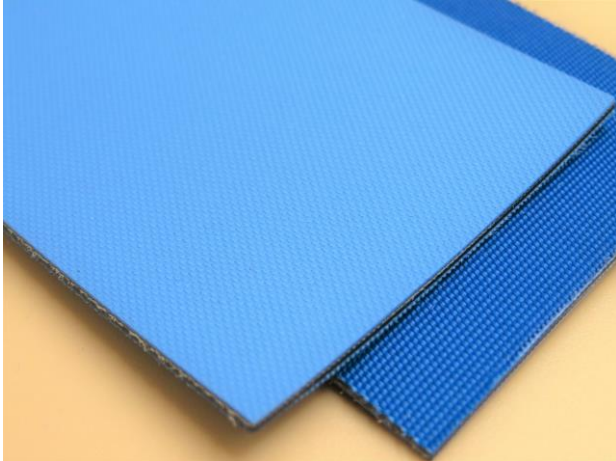


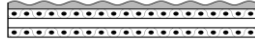
Technical Datasheet	PolyBelt™	Power Transmission and Conveyor Belt
	Belt type	GMTA-500
		PB-232 ver.0

Applications

- Light duty conveyor
- Machine tool

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;">Polyamide</td></tr> <tr><td style="padding: 2px;">0.6mm</td><td style="padding: 2px;">-</td></tr> <tr><td style="padding: 2px;">Rough pattern</td><td style="padding: 2px;">Fabric</td></tr> <tr><td style="padding: 2px;">Blue</td><td style="padding: 2px;">Blue</td></tr> </table>	Top side	Bottom side	NBR	Polyamide	0.6mm	-	Rough pattern	Fabric	Blue	Blue	<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;">0.5mm</td><td style="padding: 2px;"></td></tr> </table>	Tension member	Splice	Polyamide	Skiver	Film		0.5mm	
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©Please contact Nitta if you need other dimensions.

Regulatory compliance

- RoHS(2011/65/EC)
- REACH regulation

Features

- Antistatic
- Superior abrasion resistance
- Oil resistance
- Slider bed
- Roller bed

Dynamic properties

Standard elongation	1.0%
Tension after relaxation at 1.0%	3.8N/mm
Initial tension at 3.0%	22.8N/mm
Tension after relaxation at 3.0%	11.4N/mm
Operating temperature range	-20~80°C
Operating temperature range*	-20~80°C

*When under continuous use

Coefficient of friction

Top	vs. Steel	0.5~0.6
	vs. Paper	0.6~0.7
Bottom	vs. Steel	0.2~0.3
	vs. Paper	0.3~0.4
	vs. Lagged pulley	0.4~0.6
	vs. POM (resin)	0.2~0.4