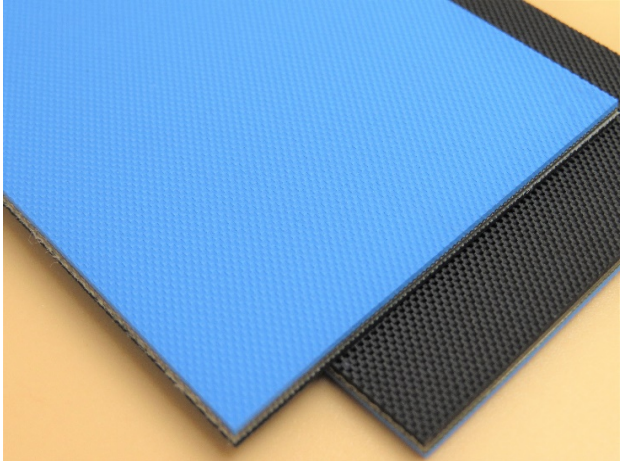
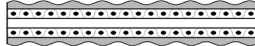


Technical Datasheet		PolyBelt™	Power Transmission and Conveyor Belt
		Belt type	M-500
PB-026 Ver.3			
Applications			
<ul style="list-style-type: none"> ▪ Right angle transfer / RAT ▪ Bookbinding machine ▪ Light duty transmission 		<ul style="list-style-type: none"> ▪ Light duty conveyor 	
Construction			
		Top side	Bottom side
		NBR	NBR
		0.6mm	0.6mm
		Rough pattern	Rough pattern
		Blue	Black
		Tension member	Splice
		Polyamide	Skiver
		Film	
		0.5mm	
		Construction	
Dimensions		Properties	
Width/Roll (max.)	325mm	Minimum pulley diameter	Tensile properties
Width/Endless (max.)	300mm	Power Transmission Application	Tensile strength
Length (max.)	105m	Skiver	150N/mm
Total thickness	2.5mm	Conveyor Application	Elongation at break
Weight	2.7 Kg/m ²	Skiver	20%
Please contact Nitta if you need other dimensions.		Skiver	Maximum allowable tension
			22.5N/mm
			Maximum allowable elongation
			3.0%
Regulatory compliance		Dynamic properties	Coefficient of friction
RoHS(2011/65/EC, (EU)2015/863)		Standard elongation	Top vs. Steel
		2.0%	0.5~0.6
		Tension after relaxation at 2.0%	vs. Paper
		7.5N/mm	0.6~0.7
		Initial tension at 3.0%	Bottom vs. Steel
		22.5N/mm	0.5~0.6
		Tension after relaxation at 3.0%	vs. Paper
		11.3N/mm	0.6~0.7
		Operating temperature range	vs. Lagged pulley
		-20~80°C	0.7~0.9
		Operating temperature range*	vs. POM (resin)
		-20~80°C	0.5~0.7
		*When under continuous use	
Features			
Antistatic			
Superior abrasion resistance			
Superior oil resistance			
Roller bed			
Medium thickness rubber type			
NITTA CORPORATION			