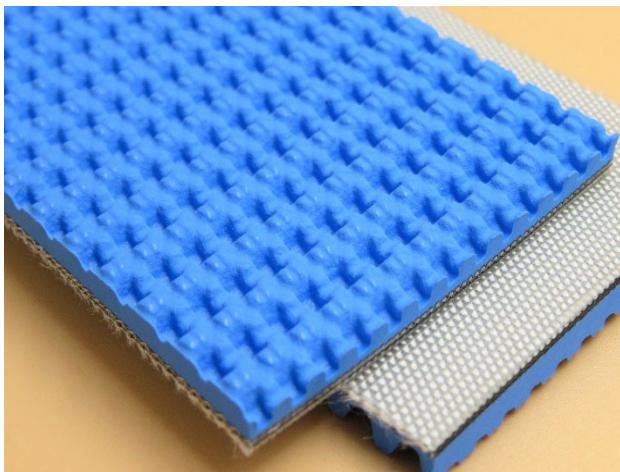


Technical Datasheet		PolyBelt™	Conveyor Belt																				
Belt type		NRT-100																					
			PB-081 Ver.4																				
Applications																							
<ul style="list-style-type: none"> ▪ Flexo folder gluer ▪ Woodworking machine 																							
Construction																							
		<table> <tr> <td>Top side</td> <td>Bottom side</td> </tr> <tr> <td>NBR</td> <td>Polyester</td> </tr> <tr> <td>-</td> <td>-</td> </tr> <tr> <td>Rough top</td> <td>Fabric</td> </tr> <tr> <td>Blue</td> <td>White</td> </tr> </table> <table> <tr> <td>Tension member</td> <td>Splice</td> </tr> <tr> <td>Polyester</td> <td>Mechanical lacing</td> </tr> <tr> <td>Fabric</td> <td>Skiver</td> </tr> <tr> <td>2ply</td> <td></td> </tr> </table> <table> <tr> <td>Construction</td> <td></td> </tr> </table>	Top side	Bottom side	NBR	Polyester	-	-	Rough top	Fabric	Blue	White	Tension member	Splice	Polyester	Mechanical lacing	Fabric	Skiver	2ply		Construction		
Top side	Bottom side																						
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-	-																						
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Blue	White																						
Tension member	Splice																						
Polyester	Mechanical lacing																						
Fabric	Skiver																						
2ply																							
Construction																							
Dimensions		Properties																					
Width/Roll (max.)	480mm	Minimum pulley diameter																					
Width/Endless (max.)	300mm	Power Transmission Application																					
Length (max.)	50m	Mechanical lacing	-																				
Total thickness	Approx.4.5mm	Skiver	-																				
Weight	3.6 kg/m ²	Conveyor Application																					
Please contact Nitta if you need other dimensions.			Tensile properties																				
Regulatory compliance			Tensile strength																				
RoHS(2011/65/EC, (EU)2015/863)			150N/mm																				
Features			Elongation at break																				
Antistatic			20%																				
Cushioning property			Maximum allowable tension																				
High grip			12.0N/mm																				
Superior abrasion resistance			Maximum allowable elongation																				
Incline conveyance			1.0%																				
Slider bed																							
Roller bed																							
			Dynamic properties																				
			Standard elongation																				
			0.5%																				
			Tension after relaxation at 0.5%																				
			3.0N/mm																				
			Initial tension at 1.0%																				
			12.0N/mm																				
			Tension after relaxation at 1.0%																				
			6.0N/mm																				
			Operating temperature range																				
			-20~80°C																				
			Operating temperature range*																				
			-20~80°C																				
			*When under continuous use																				
NITTA CORPORATION																							
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			Issued by Industrial Products Div.																				
			2025/11/11																				