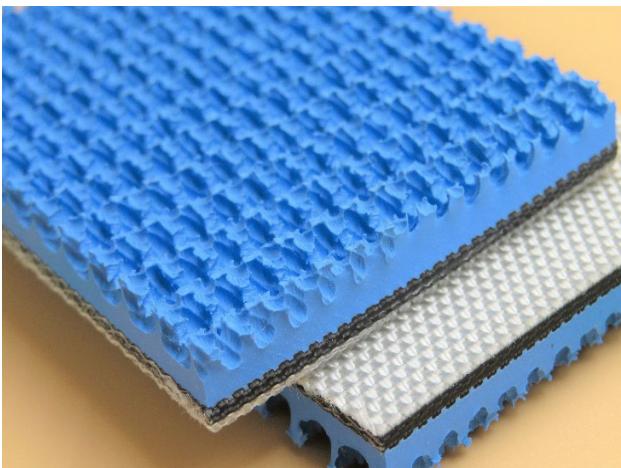


Technical Datasheet		PolyBelt™	Conveyor Belt																				
		Belt type	RT-300																				
		PB-082 Ver.4																					
Applications			<ul style="list-style-type: none"> Flexo folder gluer Woodworking machine Corrugating machine (Cut off) 																				
Construction			 <table> <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> <tr> <td>Tension member</td> <td>Splice</td> </tr> <tr> <td>Polyester</td> <td>Skiver</td> </tr> <tr> <td>Fabric</td> <td>Mechanical lacing</td> </tr> <tr> <td>3ply</td> <td></td> </tr> <tr> <td>Construction</td> <td></td> </tr> </table>	Top side	Bottom side	NBR	Polyester	-	-	Rough top	Fabric	Blue	White	Tension member	Splice	Polyester	Skiver	Fabric	Mechanical lacing	3ply		Construction	
Top side	Bottom side																						
NBR	Polyester																						
-	-																						
Rough top	Fabric																						
Blue	White																						
Tension member	Splice																						
Polyester	Skiver																						
Fabric	Mechanical lacing																						
3ply																							
Construction																							
Dimensions		Properties																					
Width/Roll (max.)		Minimum pulley diameter																					
600mm		Power Transmission Application																					
Width/Endless (max.)		Skiver																					
300mm		-																					
Length (max.)		Mechanical lacing																					
42m		-																					
Total thickness		Conveyor Application																					
Approx.7.0mm		Skiver																					
Weight		100mm																					
6.5 kg/m ²		Mechanical lacing																					
Please contact Nitta if you need other dimensions.																							
Regulatory compliance																							
RoHS(2011/65/EC, (EU)2015/863)																							
Features																							
Antistatic																							
Cushioning property																							
High grip																							
Superior abrasion resistance																							
Incline conveyance																							
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																							
Tensile properties																							
Tensile strength																							
290N/mm																							
Elongation at break																							
15%																							
Maximum allowable tension																							
12.0N/mm																							
Maximum allowable elongation																							
1.0%																							
Coefficient of friction																							
Top vs. Steel																							
0.9~1.0																							
vs. Paper																							
about 1.0																							
Bottom vs. Steel																							
0.1~0.3																							
vs. Paper																							
0.2~0.4																							
vs. Lagged pulley																							
0.3~0.6																							
vs. POM (resin)																							
0.1~0.4																							

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※The contents of this Technical Data Sheet may be changed without notice.

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