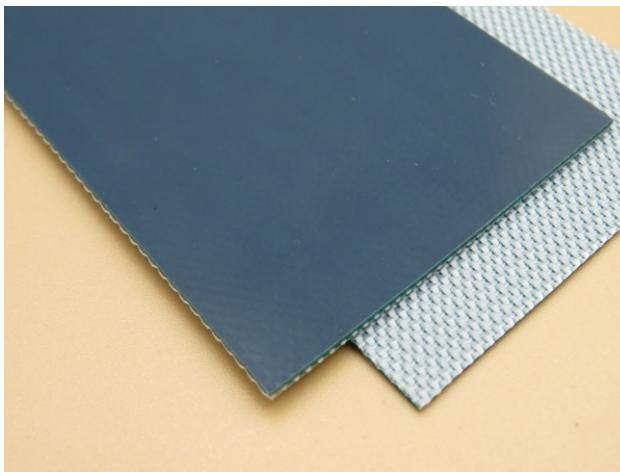
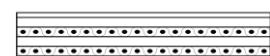


Technical Datasheet		Conveyor Belt																			
Belt type		GUF-12AK	U-025 Ver.5																		
Applications																					
<ul style="list-style-type: none"> ▪ Food conveyance ▪ Medium duty conveyor ▪ Dough conveyor ▪ Rice conveyor 																					
Construction																					
		<table border="1"> <tr> <td>Top side</td> <td>Bottom side</td> </tr> <tr> <td>PTFE sheet</td> <td>Polyester</td> </tr> <tr> <td>0.1mm</td> <td>-</td> </tr> <tr> <td>Flat</td> <td>Fabric</td> </tr> <tr> <td>Gray</td> <td>White</td> </tr> </table>	Top side	Bottom side	PTFE sheet	Polyester	0.1mm	-	Flat	Fabric	Gray	White	<table border="1"> <tr> <td>Tension member</td> <td>Splice</td> </tr> <tr> <td>Polyester</td> <td>Finger</td> </tr> <tr> <td>Fabric</td> <td>Skiver</td> </tr> <tr> <td>2ply</td> <td></td> </tr> </table>	Tension member	Splice	Polyester	Finger	Fabric	Skiver	2ply	
Top side	Bottom side																				
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2ply																					
		Construction																			
Dimensions		Properties																			
Width/Roll (max.)		Minimum pulley diameter																			
1,000mm		Flexing																			
Width/Endless (max.)		Finger	45mm																		
1,000mm		Skiver	70mm																		
Length (max.)		Back flexing																			
100m		Finger	50mm																		
Total thickness		Skiver	70mm																		
1.3mm		Knife edge																			
Weight			-																		
1.3 kg/m ²																					
Please contact Nitta if you need other dimensions.																					
Regulatory compliance																					
Food Sanitation Act (Japan)																					
RoHS(2011/65/EC,																					
(EU)2015/863)																					
Features																					
High release																					
Easy to clean																					
Slider bed																					
Roller bed																					
Dynamic properties																					
Standard elongation																					
0.5%																					
Tension after relaxation at 0.5%																					
2.0N/mm																					
Initial tension at 1.0%																					
8.0N/mm																					
Tension after relaxation at 1.0%																					
4.0N/mm																					
Operating temperature range																					
-20~80°C																					
Operating temperature range*																					
-20~80°C																					
*When under continuous use																					
Tensile properties																					
Tensile strength																					
120N/mm																					
Elongation at break																					
15%																					
Maximum allowable tension																					
8.0N/mm																					
Maximum allowable elongation																					
1.0%																					
Coefficient of friction																					
Top vs. Steel																					
0.1~0.2																					
vs. Paper																					
0.2~0.3																					
Bottom vs. Steel																					
0.1~0.3																					
vs. Lagged pulley																					
0.3~0.6																					
vs. POM (resin)																					
0.1~0.4																					