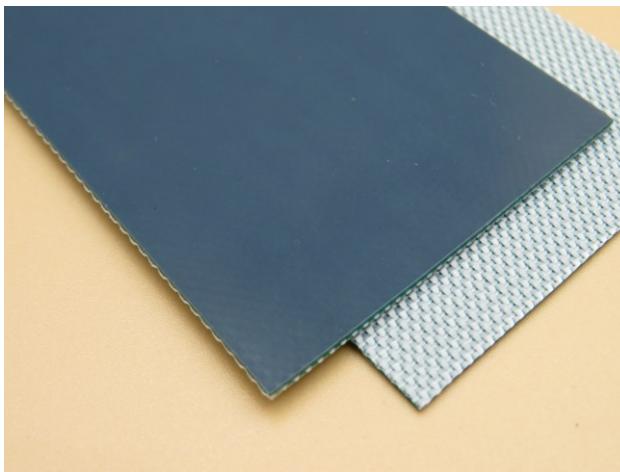
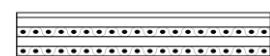


Technical Datasheet		Belt type	GUF-12AK	Conveyor Belt U-025 Ver.5								
Applications												
<ul style="list-style-type: none"> ▪ Food conveyance ▪ Medium duty conveyor ▪ Dough conveyor ▪ Rice conveyor 												
Construction												
		Top side	Bottom side									
<table border="1"> <tr><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>		PTFE sheet	Polyester	0.1mm	-	Flat	Fabric	Gray	White	Tension member	Splice	
PTFE sheet	Polyester											
0.1mm	-											
Flat	Fabric											
Gray	White											
<table border="1"> <tr><td>Polyester</td><td>Finger</td></tr> <tr><td>Fabric</td><td>Skiver</td></tr> <tr><td>2ply</td><td></td></tr> </table>		Polyester	Finger	Fabric	Skiver	2ply		Construction				
Polyester	Finger											
Fabric	Skiver											
2ply												
Dimensions		Properties										
Width/Roll (max.)		Minimum pulley diameter										
1,000mm		Flexing	45mm									
Width/Endless (max.)		Finger	70mm									
1,000mm		Skiver	50mm									
Length (max.)		Back flexing	70mm									
100m		Finger	70mm									
Total thickness		Skiver	Knife edge									
1.3mm												
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												

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

Issued by Industrial Products Div.

2025/7/21