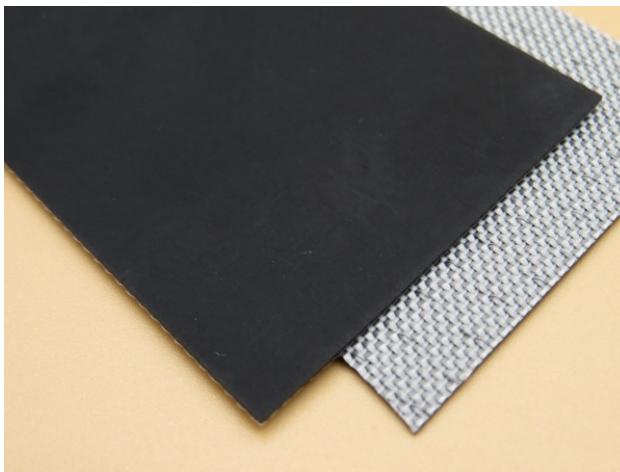
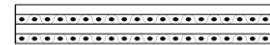
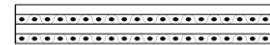
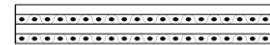


Technical Datasheet		Conveyor Belt BU-12A U-031 Ver.7																					
Applications		<ul style="list-style-type: none"> Conveyance of electronic components Medium duty conveyor 																					
Construction																							
 <table> <tr> <td>Top side</td> <td>Bottom side</td> </tr> <tr> <td>Conductive TPU</td> <td>Polyester</td> </tr> <tr> <td>0.3mm</td> <td>-</td> </tr> <tr> <td>Matte surface</td> <td>Fabric</td> </tr> <tr> <td>Black</td> <td>White</td> </tr> </table> <table> <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> <table> <tr> <td>Construction</td> <td></td> </tr> </table>				Top side	Bottom side	Conductive TPU	Polyester	0.3mm	-	Matte surface	Fabric	Black	White	Tension member	Splice	Polyester	Finger	Fabric	Skiver	2ply		Construction	
Top side	Bottom side																						
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Polyester	Finger																						
Fabric	Skiver																						
2ply																							
Construction																							
Dimensions		Properties																					
Width/Roll (max.)		Minimum pulley diameter																					
1,000mm		Flexing																					
Width/Endless (max.)		Finger 35mm																					
1,000mm		Skiver 50mm																					
Length (max.)		Back flexing																					
100m		Finger 40mm																					
Total thickness		Skiver 50mm																					
1.3mm		Knife edge																					
Weight		-																					
1.3 kg/m ²																							
Please contact Nitta if you need other dimensions.																							
Regulatory compliance																							
RoHS(2011/65/EC), (EU)2015/863																							
Features																							
Antistatic																							
High conductivity																							
Surface resistivity (TPU) : 10 ⁴ ~10 ⁶ Ω/sq																							
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																							
0.3~0.4																							
vs. Paper																							
0.4~0.5																							
Bottom vs. Steel																							
0.1~0.3																							
vs. Lagged pulley																							
0.3~0.6																							
vs. POM (resin)																							
0.1~0.4																							