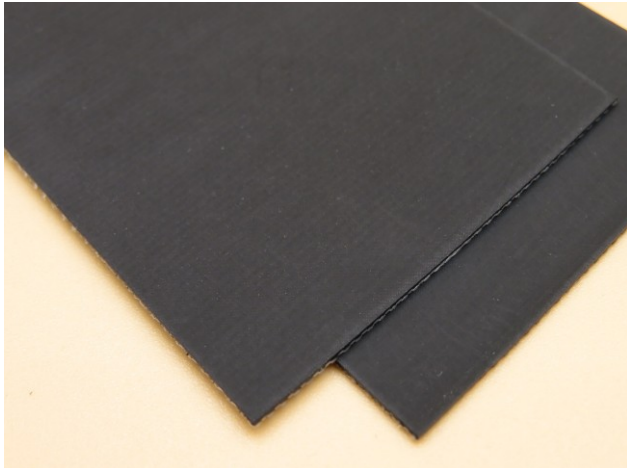
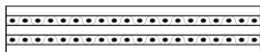


Technical Datasheet		Conveyor Belt	
Belt type		BU-12B	
		U-032 Ver.6	
Applications - Conveyance of electronic components - Medium duty conveyor			
Construction			
	Top side	Bottom side	
	Conductive TPU	Conductive TPU	
	0.3mm	0.3mm	
	Matte surface	Matte surface	
	Black	Black	
	Tension member	Splice	
	Polyester	Finger	
	Fabric	Skiver	
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		1,000mm	
Width/Endless (max.)		1,000mm	
Length (max.)		100m	
Total thickness		1.5mm	
Weight		1.6 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic			
High conductivity			
Surface resistivity (TPU) : 10⁴~10⁶ Ω/sq			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Finger		40mm	
Skiver		50mm	
Back flexing			
Finger		40mm	
Skiver		50mm	
Knife edge		-	
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	0.3~0.4	
	vs. Lagged pulley	0.5~0.7	
	vs. POM (resin)	0.3~0.5	
NITTA CORPORATION			