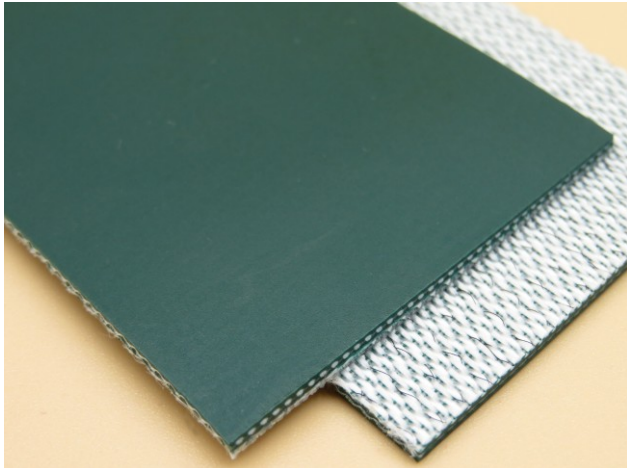
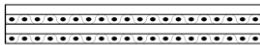


Technical Datasheet		Conveyor Belt	
Belt type		GU-14ANL	
		U-158 Ver.6	
Applications - Logistics / Distribution center - Material handling - Medium duty conveyor			
Construction			
	Top side		Bottom side
	TPU		Polyester
	0.2mm		-
	Matte surface		Fabric
	Green		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		3,000mm	
Width/Endless (max.)		3,000mm	
Length (max.)		100m	
Total thickness		1.6mm	
Weight		1.8 kg/m ²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
Food Sanitation Act (Japan)			
FDA 21 CFR177.2600			
Regulation(EU)No.10/2011			
RoHS(2011/65/EC,			
(EU)2015/863)			
Features			
Antistatic			
Whisper			
High lateral rigidity			
Wider widths are available			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Finger		20mm	
Skiver		40mm	
Back flexing			
Finger		20mm	
Skiver		40mm	
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		140N/mm	
Elongation at break		20%	
Maximum allowable tension		8.0N/mm	
Maximum allowable elongation		1.0%	
Coefficient of friction			
Top	vs. Steel	0.4~0.5	
	vs. Paper	0.5~0.6	
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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