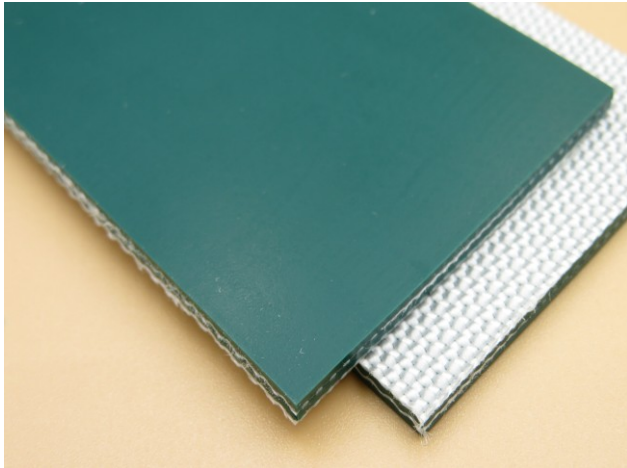
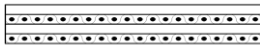


Technical Datasheet		Conveyor Belt	
Belt type		GU-20AK	
		U-016 Ver.8	
Applications - Material handling - Heavy duty conveyor			
Construction			
	Top side		Bottom side
	TPU		Polyester
	1.0mm		-
	Matte surface		Fabric
	Green		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver, Step
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		1,000mm	
Width/Endless (max.)		1,000mm	
Length (max.)		50m	
Total thickness		3.1mm	
Weight		3.5 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance		Properties	
Food Sanitation Act (Japan)		Minimum pulley diameter	
RoHS(2011/65/EC,		Flexing	
(EU)2015/863)		Finger 45mm	
		Skiver, Step 100mm	
		Back flexing	
		Finger 50mm	
		Skiver, Step 100mm	
		Knife edge -	
		Dynamic properties	
		Standard elongation 1.0%	
		Tension after relaxation at 1.0% 3.5N/mm	
		Initial tension at 1.5% 10.5N/mm	
		Tension after relaxation at 1.5% 5.3N/mm	
		Operating temperature range -20~80°C	
		Operating temperature range* -20~80°C	
		*When under continuous use	
Features		Tensile properties	
Cut resistance		Tensile strength 200N/mm	
Slider bed		Elongation at break 20%	
Roller bed		Maximum allowable tension 7.0N/mm	
		Maximum allowable elongation 1.5%	
		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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