

Technical Datasheet		Conveyor Belt	
Belt type		GUSTW-19AK	
		U-045 Ver.6	
Applications			
- Material handling - Incline / Decline conveyor - Heavy duty conveyor			
Construction			
		Top side Soft TPU 0.5mm Mini rough top Green	Bottom side Polyester - Fabric White
		Tension member Polyester Fabric 2ply	Splice Finger Skiver
		Construction	
Dimensions			
Width/Roll (max.) 1,500mm			
Width/Endless (max.) 1,500mm			
Length (max.) 100m			
Total thickness 2.0mm			
Weight 1.9 kg/m²			
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
High grip Incline conveyance Whisper Slider bed Roller bed			
Properties			
Minimum pulley diameter Flexing Finger Skiver Back flexing Finger Skiver Knife edge		Tensile properties Tensile strength 190N/mm Elongation at break 15% Maximum allowable tension 12.0N/mm Maximum allowable elongation 1.0%	
Dynamic properties Standard elongation 0.5% Tension after relaxation at 0.5% 3.0N/mm Initial tension at 1.0% 12.0N/mm Tension after relaxation at 1.0% 6.0N/mm Operating temperature range -20~80°C Operating temperature range* -20~80°C		Coefficient of friction Top vs. Steel 0.7~0.8 vs. Paper 0.8~0.9 Bottom vs. Steel 0.1~0.3 vs. Lagged pulley 0.3~0.6 vs. POM (resin) 0.1~0.4	
		*When under continuous use	
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