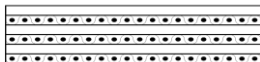


Technical Datasheet		Conveyor Belt	
Belt type		WU-18A-G	UG-002 Ver.6
Applications - Food conveyance - Heavy duty conveyor			
Construction			
	Top side	Bottom side	
	TPU	Polyester	
	0.5mm	-	
	Flat	Fabric	
	White	White	
	Tension member	Splice	
	Polyester	Finger	
	Fabric	Skiver	
	3ply		
	Construction		
Dimensions		Properties	
Width/Roll (max.)	2,000mm	Minimum pulley diameter	
Width/Endless (max.)	2,000mm	Flexing	
Length (max.)	100m	Finger 50mm	
Total thickness	2.1mm	Skiver 70mm	
Weight	2.4 kg/m²	Back flexing	
Please contact Nitta if you need other dimensions.		Finger 60mm	
Regulatory compliance		Skiver 70mm	
Food Sanitation Act (Japan)		Knife edge -	
RoHS(2011/65/EC,		Dynamic properties	
(EU)2015/863)		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	
		*When under continuous use	
Features		Tensile properties	
Antistatic		Tensile strength	
Wider widths are available		180N/mm	
Cut resistance		Elongation at break	
Slider bed		25%	
Roller bed		Maximum allowable tension	
		12.0N/mm	
		Maximum allowable elongation	
		1.0%	
		Coefficient of friction	
		Top vs. Steel	
		0.5~0.6	
		vs. Paper	
		0.6~0.7	
		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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