

Technical Datasheet		Conveyor Belt	
Belt type		WEU-7ANL	
		U-157 Ver.6	
Applications ▪ Knife edge conveyor ▪ Food conveyance ▪ Light duty conveyor			
Construction			
	Top side		Bottom side
	TPU		Polyester
	0.3mm		-
	Matte surface		Fabric
	White		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver
	1ply		
	Construction		
Dimensions			
Width/Roll (max.)		1,500mm	
Width/Endless (max.)		1,500mm	
Length (max.)		100m	
Total thickness		0.8mm	
Weight		0.8 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
Food Sanitation Act (Japan) RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic Heat and moisture resistance Anti-microbial and Anti-mold Whisper High lateral rigidity Slider bed Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Finger		10mm	
Skiver		20mm	
Back flexing			
Finger		15mm	
Skiver		20mm	
Knife edge			
Finger		R2	
Dynamic properties			
Standard elongation		0.3%	
Tension after relaxation at 0.3%		0.6N/mm	
Initial tension at 1.0%		4.0N/mm	
Tension after relaxation at 1.0%		2.0N/mm	
Operating temperature range		-30~100°C	
Operating temperature range*		-20~80°C	
*When under continuous use			
Tensile properties			
Tensile strength		70N/mm	
Elongation at break		15%	
Maximum allowable tension		4.0N/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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