

Technical Datasheet		Conveyor Belt	
Belt type		LBEUTW-6ANF-3	U-163 Ver.3
Applications ▪ Food conveyance ▪ Light duty conveyor ▪ Dough conveyor ▪ Rice conveyor ▪ Food slicer			
Construction			
	Top side	Bottom side	
	TPU	Polyester	
	0.5mm	-	
	Mini rough top	Fabric	
	Blue	White	
	Tension member	Splice	
Polyester	Finger		
Fabric			
1ply			
Construction			
Dimensions		Properties	
Width/Roll (max.)	1,500mm	Minimum pulley diameter	
Width/Endless (max.)	1,500mm	Flexing	
Length (max.)	100m	Finger	10mm
Total thickness	1.2mm		-
Weight	1.0 kg/m²	Back flexing	
Please contact Nitta if you need other dimensions.		Finger	15mm
Regulatory compliance			-
Food Sanitation Act (Japan)		Knife edge	
RoHS(2011/65/EC,		Finger	R3
(EU)2015/863)			
Features		Dynamic properties	
Antistatic		Standard elongation	0.5%
Sodium hypochlorite resistance		Tension after relaxation at 0.5%	0.5N/mm
Heat and moisture resistance		Initial tension at 1.0%	2.0N/mm
Anti-microbial and Anti-mold		Tension after relaxation at 1.0%	1.0N/mm
Non-fray fabric		Operating temperature range	-30~100°C
Minimal shrinkage/hot water		Operating temperature range*	-20~80°C
Slider bed		*When under continuous use	
Roller bed			
		Tensile properties	
		Tensile strength	
		60N/mm	
		Elongation at break	
		20%	
		Maximum allowable tension	
		2.0N/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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