

Technical Datasheet		Conveyor Belt	
Belt type		LBEU-6ANF	
		U-137 Ver.6	
Applications - Food conveyance - Light duty conveyor - Dough conveyor - Sliced vegetable conveyance - Meat, broiler conveyance			
Construction			
	Top side		Bottom side
	TPU		Polyester
	0.3mm		-
	Matte surface		Fabric
	Blue		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		0.75mm	
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 Sodium hypochlorite resistance Heat and moisture resistance Anti-microbial and Anti-mold Non-fray fabric Minimal shrinkage/hot water 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		0.5%	
Tension after relaxation at 0.5%		0.5N/mm	
Initial tension at 1.0%		2.0N/mm	
Tension after relaxation at 1.0%		1.0N/mm	
Operating temperature range		-30~100°C	
Operating temperature range*		-20~80°C	
*When under continuous use			
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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