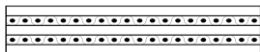


Technical Datasheet		Conveyor Belt	
Belt type		WEU-12BNF	
		U-110 Ver.5	
Applications - Food conveyance - Light duty conveyor - Dough conveyor			
Construction			
	Top side		Bottom side
	TPU		TPU
	0.3mm		0.3mm
	Matte surface		Matte surface
	White		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		1,500mm	
Width/Endless (max.)		1,500mm	
Length (max.)		100m	
Total thickness		1.6mm	
Weight		1.7 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance		Properties	
Food Sanitation Act (Japan)		Minimum pulley diameter	
RoHS(2011/65/EC,		Flexing	
(EU)2015/863)		Finger 25mm	
		Skiver 50mm	
		Back flexing	
		Finger 25mm	
		Skiver 50mm	
		Knife edge -	
		Dynamic properties	
		Standard elongation	
		0.5%	
		Tension after relaxation at 0.5%	
		1.0N/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	
Features		Tensile properties	
Antistatic		Tensile strength	
Heat and moisture resistance		120N/mm	
Anti-microbial and Anti-mold		Elongation at break	
Non-fray fabric		20%	
Minimal shrinkage/hot water		Maximum allowable tension	
Minimal shrinkage/foreign material		4.0N/mm	
Roller bed		Maximum allowable elongation	
		1.0%	
		Coefficient of friction	
		Top vs. Steel	
		0.4~0.5	
		vs. Paper	
		0.5~0.6	
		Bottom vs. Steel	
		0.4~0.5	
		vs. Lagged pulley	
		0.6~0.8	
		vs. POM (resin)	
		0.4~0.6	
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