

Technical Datasheet		Conveyor Belt	
Belt type		WU-12C	
		U-005 Ver.5	
Applications ▪ Food conveyance ▪ Medium duty conveyor ▪ Dough conveyor			
Construction			
		Top side	Bottom side
		TPU	TPU
		0.3mm	0.3mm
		Matte surface	C pattern
		White	White
		Tension member	Splice
		Polyester	Finger
		Fabric	Skiver
		2ply	
Construction			
Dimensions		Properties	
Width/Roll (max.)		Minimum pulley diameter	
1,500mm		Flexing	
Width/Endless (max.)		Finger 25mm	
1,500mm		Skiver 50mm	
Length (max.)		Back flexing	
100m		Finger 25mm	
Total thickness		Skiver 50mm	
1.6mm		Knife edge	
Weight		-	
1.6 kg/m²		Dynamic properties	
Please contact Nitta if you need other dimensions.		Standard elongation	
Regulatory compliance		0.5%	
Food Sanitation Act (Japan)		Tension after relaxation at 0.5%	
RoHS(2011/65/EC,		2.0N/mm	
(EU)2015/863)		Initial tension at 1.0%	
		8.0N/mm	
		Tension after relaxation at 1.0%	
		4.0N/mm	
		Operating temperature range	
		-20~80°C	
		Operating temperature range*	
		-20~80°C	
		*When under continuous use	
Features		Tensile properties	
Antistatic		Tensile strength	
Slider bed		120N/mm	
Roller bed		Elongation at break	
		15%	
		Maximum allowable tension	
		8.0N/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	
		0.4~0.5	
		vs. Lagged pulley	
		0.6~0.8	
		vs. POM (resin)	
		0.4~0.6	
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