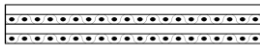


Technical Datasheet		Conveyor Belt	
Belt type		SILW-14A	
		S-006 Ver.3	
Applications ▪ Hygiene / Diaper, napkin ▪ Incline / Decline conveyor ▪ Medium duty conveyor			
Construction			
	Top side		Bottom side
	Silicone		Polyester
	0.15mm		-
	Flat		Fabric
	White		White
	Tension member		Splice
	Polyester		Finger
	Fabric		
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		3,000mm	
Width/Endless (max.)		3,000mm	
Length (max.)		100m	
Total thickness		1.4mm	
Weight		1.6 kg/m ²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
Food Sanitation Act (Japan)			
FDA 21 CFR177.2600			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic			
High release			
Easy to clean			
High grip			
Incline conveyance			
Wider widths are available			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing		30mm	
Finger		30mm	
Back flexing		30mm	
Finger		30mm	
Knife edge		-	
Dynamic properties			
Standard elongation		0.5%	
Tension after relaxation at 0.5%		2.0N/mm	
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			
Tensile properties			
Tensile strength		140N/mm	
Elongation at break		15%	
Maximum allowable tension		8.0N/mm	
Maximum allowable elongation		1.0%	
Coefficient of friction			
Top	vs. Steel	approx.1.0	
	vs. Paper	approx.1.0	
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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