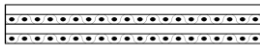


Technical Datasheet		Conveyor Belt	
Belt type		SVC-12A	
		S-005 Ver.6	
Applications ▪ Hygiene / Diaper, napkin ▪ Incline / Decline conveyor ▪ Medium duty conveyor			
Construction			
	Top side		Bottom side
	Silicone		Polyester
	0.3mm		-
	Flat		Fabric
	Clear		White
	Tension member		Splice
	Polyester		Diagonal step
	Fabric		
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)		3,000mm	
Width/Endless (max.)		3,000mm	
Length (max.)		100m	
Total thickness		1.85mm	
Weight		2.1 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
FDA 21 CFR177.2600			
RoHS(2011/65/EC, (EU)2015/863)			
Food Sanitation Act (Japan)			
Features			
Antistatic			
High release			
Easy to clean			
High grip			
Incline conveyance			
Wider widths are available			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Diagonal step		50mm	
		-	
Back flexing			
Diagonal step		50mm	
		-	
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		-10~80°C	
Operating temperature range*		-10~80°C	
*When under continuous use			
Tensile properties			
Tensile strength		120N/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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