

Technical Datasheet		Conveyor Belt	
Belt type		BC-14D	
		C-062 Ver.5	
Applications ▪ Material handling ▪ Accumulation conveyor ▪ Medium duty conveyor			
Construction			
		Top side	Bottom side
		Polyester	Polyester
		-	-
		Fabric	Fabric
		Green	White
		Tension member	Splice
Polyester	Skiver		
Fabric			
2ply			
Construction			
Dimensions		Properties	
Width/Roll (max.)		Minimum pulley diameter	
3,000mm		Flexing	
Width/Endless (max.)		Skiver	
3,000mm		50mm	
Length (max.)		-	
100m		Back flexing	
Total thickness		Skiver	
1.8mm		50mm	
Weight		-	
1.8 kg/m²		Knife edge	
		-	
Please contact Nitta if you need other dimensions.		Dynamic properties	
Regulatory compliance		Standard elongation	
RoHS(2011/65/EC,		0.5%	
(EU)2015/863)		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	
		-5~70°C	
		Operating temperature range*	
		-5~70°C	
		*When under continuous use	
Features		Tensile properties	
Antistatic		Tensile strength	
Whisper		140N/mm	
High lateral rigidity		Elongation at break	
Accumulation		20%	
Wider widths are available		Maximum allowable tension	
Slider bed		8.0N/mm	
Roller bed		Maximum allowable elongation	
		1.0%	
		Coefficient of friction	
		Top vs. Steel	
		0.1~0.3	
		vs. Paper	
		0.2~0.4	
		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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