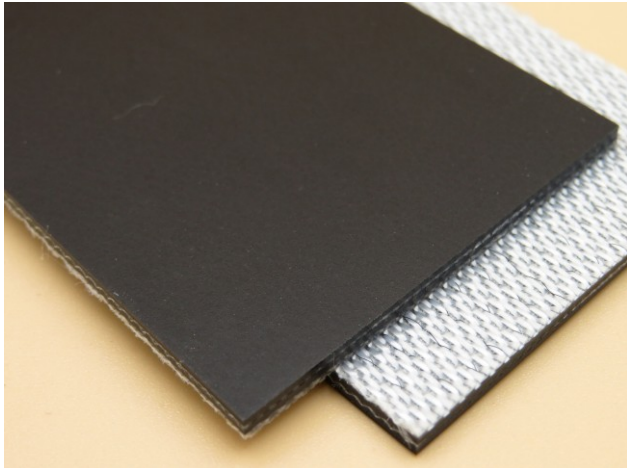
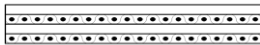


Technical Datasheet		Conveyor Belt	
Belt type		BLC-14AFR3	
		C-089 Ver.6	
Applications			
▪ Logistics / Distribution center ▪ Medium duty conveyor			
Construction			
	Top side		Bottom side
	PVC		Polyester
	0.5mm		-
	Flat		Fabric
	Black		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver
	2ply		
	Construction		
Dimensions		Properties	
Width/Roll (max.)		Minimum pulley diameter	
3,000mm		Flexing	
Width/Endless (max.)		Finger 25mm	
3,000mm		Skiver 50mm	
Length (max.)		Back flexing	
100m		Finger 30mm	
Total thickness		Skiver 50mm	
2.2mm		Knife edge	
Weight		-	
2.5 kg/m²		Dynamic properties	
Please contact Nitta if you need other dimensions.		Standard elongation	
Regulatory compliance		0.5%	
ISO340:2013		Tension after relaxation at 0.5%	
RoHS(2011/65/EC,		2.0N/mm	
(EU)2015/863)		Initial tension at 1.0%	
		8.0N/mm	
Features		Tension after relaxation at 1.0%	
Antistatic		4.0N/mm	
Flame retardant : ISO340:2013		Operating temperature range	
High lateral rigidity		-5~70°C	
Whisper		Operating temperature range*	
Cut resistance		-5~70°C	
Wider widths are available		*When under continuous use	
Slider bed		Tensile properties	
Roller bed		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	
		0.4~0.5	
		vs. Paper	
		0.5~0.6	
		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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