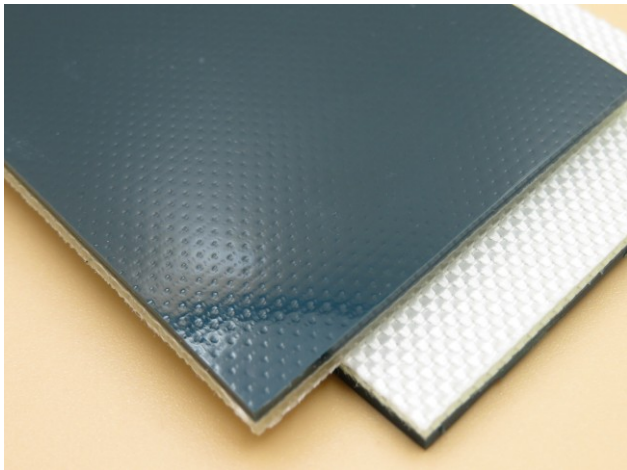
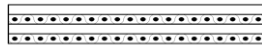


Technical Datasheet		Conveyor Belt	
Belt type		BC-20A	C-011 Ver.6
Applications ▪ Material handling ▪ Steel plate conveyance ▪ Heavy duty conveyor			
Construction			
	Top side	Bottom side	
	PVC	Polyester	
	0.9mm	-	
	Mirror surface	Fabric	
	Green	White	
	Tension member	Splice	
	Polyester	Finger	
	Fabric	Skiver	
	2ply		
	Construction		
Dimensions			
Width/Roll (max.)	3,000mm		
Width/Endless (max.)	3,000mm		
Length (max.)	100m		
Total thickness	2.8mm		
Weight	3.3 kg/m²		
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic			
Cut resistance			
High lateral rigidity			
Wider widths are available			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Finger		45mm	
Skiver		80mm	
Back flexing			
Finger		50mm	
Skiver		80mm	
Knife edge		-	
Dynamic properties			
Standard elongation		0.5%	
Tension after relaxation at 0.5%		3.0N/mm	
Initial tension at 1.0%		12.0N/mm	
Tension after relaxation at 1.0%		6.0N/mm	
Operating temperature range		-5~70°C	
Operating temperature range*		-5~70°C	
*When under continuous use			
Tensile properties			
Tensile strength		200N/mm	
Elongation at break		15%	
Maximum allowable tension		12.0N/mm	
Maximum allowable elongation		1.0%	
Coefficient of friction			
Top	vs. Steel	0.7~0.8	
	vs. Paper	0.8~0.9	
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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