

Technical Sheet		BC-12A		Nitta Corp. of America		
C-007				5/27/04		
ITEM		DESCRIPTION				
Belt Specs	Structure	<p>PVC(green) - 80° shore A - 0.5mm thick</p> <p>2.1mm</p> <p>PVC layer</p> <p>Polyester Fabric (white)</p>				
	Anti-Static	YES				
Manuf. Standard	Size	Width:	2000 or 3000 mm	78 or 118 in		
		Length:	100 m	328 ft		
Belt Properties	Tensile Strength	120 N/mm		686 lbs/in		
	Elongation at Break	12 %				
	Standard Tension	0.5 %				
	Working Load at 1%	8 N/mm		46 lbs/in		
	Min. Pulley Diameter	Finger Joint :	30 mm		1.18 in	
		Skiver Joint :	50 mm		2.0 in	
	Temperature Range	Continuously:	-10 to +70 °C		14 to 158 °F	
		Periodically :	-20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (STEEL)	top :	0.7 to 0.8			
		Bottom :	0.2 to 0.25			
Weight	2.5 kg/m ²		0.51 lbs/ft ²			
Applications / Special Properties	All around general conveying; good cover wear; Pulley side-high quality weave, low noise					

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