

Technical Sheet		KC		Nitta Corp. of America	
U-055				5/23/97	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>The diagram shows a cross-section of a belt with three main layers. The top layer is labeled 'Nylon Fabric (Blue)', the middle layer is 'PU layer', and the bottom layer is 'Polyester Fabric (white)'. A vertical dimension line on the left indicates a total thickness of 1.4 mm. The top and bottom layers have a wavy, zig-zag pattern.</p>			
	Anti-Static	YES			
Manuf. Standard	Size	Width :	1000 mm	39 in	
		Length :	100 m	328 ft	
Belt Properties	Tensile Strength	140 N/mm		800 lbs/in	
	Elongation at Break	12 %			
	Standard Tension	0.5 %			
	Working Load at 1%	6 N/mm		34 lbs/in	
	Min. Pulley Diameter	Finger Joint : 25 mm		1.0 in	
		Skiver Joint : 50 mm		2.0 in	
	Temperature Range	Continuously: -10 to +80 °C		14 to 176 °F	
		Periodically : -20 to +100 °C		-4 to 212 °F	
	Coefficient of Friction (Steel)	top: 0.2 to 0.25			
Bottom: 0.2 to 0.25					
Weight	1.4 kg/m ²		0.29 lbs/ft ²		
Special Properties					

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