

Technical Sheet		PU-19DK		Nitta Corp. of America	
U-022				12/12/2002	
ITEM		DESCRIPTION			
Belt Specs	Structure	<p>The diagram shows a cross-section of a belt. It consists of a central PU Layer (polyurethane) sandwiched between two layers of PU Impregnated Polyester Fabric (white). The total thickness of the belt is indicated as 1.35 mm. The fabric layers have a wavy, zig-zag pattern.</p>			
	Anti-Static	NO			
Manuf. Standard	Size	Width: 1500 mm	59 in		
		Length: 100 m	328 ft		
Belt Properties	Tensile Strength	190 N/mm	1060 lbs/in		
	Elongation at Break	10 %			
	Standard Tension	0.5 %			
	Working Load at 1%	16 N/mm	91 lbs/in		
	Min. Pulley Diameter	Finger Joint :	20 mm	0.79 in	
		Skiver Joint :	40 mm	1.58 in	
	Temperature Range	Continuously:	-20 to +80 °C	-4 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	1.5 kg/m ²	0.31 lbs/ft ²			
Special Properties					

Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398