

Technical Sheet		SI-12A		Nitta Corp. of America		
S-002				12/12/2002		
ITEM		DESCRIPTION				
Belt Specs	Structure	<p>Silicone Rubber (white) - 68° shore A - 0.2mm thick</p> <p>1.2 mm</p> <p>Polyester Fabric (white)</p>				
	Anti-Static	YES				
Manuf. Standard	Size	Width	: 960 mm	37.8 in		
		Length	: 100 m	328 ft		
Belt Properties	Tensile Strength	120 N/mm		673 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	: Ø20 mm	0.79 in		
		Skiver Joint	: Ø40 mm	1.58 in		
	Temperature Range	Continuously	-20 to +150 °C		-4 to 302 °F	
		Periodically	-30 to +180 °C		-22 to 356 °F	
	Coefficient of Friction (Steel)	top	: 0.9 to 1.0			
		Bottom	: 0.2 to 0.25			
Weight	1.4 kg/m ²		0.29 lbs/ft ²			
Special Properties	High Temp Resistance / Excellent Release					

Phone: (800) 221-3689

www.nitta.com

Fax: (770) 623-1398