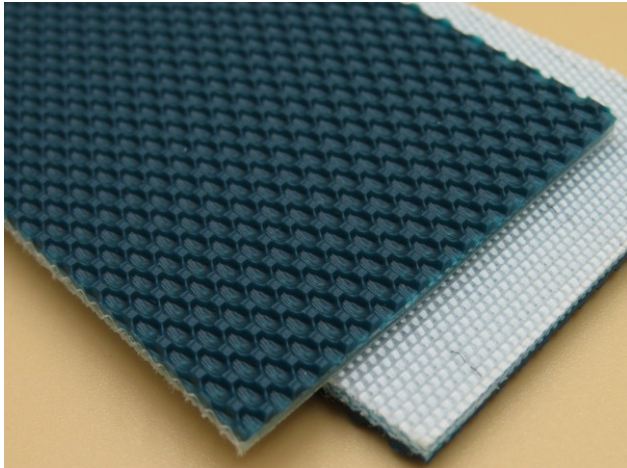
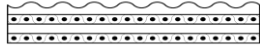


Technical Datasheet		Conveyor Belt	
Belt type		GUHNDP-16A	
		U-176 Ver.1	
Applications			
▪ Steel plate conveyance ▪ Heavy duty conveyor			
Construction			
	Top side		Bottom side
	Hard TPU		Polyester
	0.4mm		-
	NDP pattern		Fabric
	Green		White
	Tension member		Splice
	Polyester		Skiver
	Fabric		
	2ply		
	Construction		
Dimensions		Properties	
Width/Roll (max.)		Minimum pulley diameter	
2,000mm		Flexing	
Width/Endless (max.)		Skiver	
2,000mm		70mm	
Length (max.)		-	
100m		Back flexing	
Total thickness		Skiver	
2.8mm		70mm	
Weight		-	
2.6 kg/m²		Knife edge	
		-	
Please contact Nitta if you need other dimensions.			
Regulatory compliance		Dynamic properties	
FDA 21 CFR177.2600		Standard elongation	
Regulation(EU)No.10/2011		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	
		-20~80°C	
		Operating temperature range*	
		-20~80°C	
		*When under continuous use	
Features		Tensile properties	
Antistatic		Tensile strength	
Flame retardant : UL-94HB		140N/mm	
Cut resistance		Elongation at break	
Oil resistance		15%	
Superior abrasion resistance		Maximum allowable tension	
Slider bed		12.0N/mm	
Roller bed		Maximum allowable elongation	
		1.0%	
		Coefficient of friction	
		Top vs. Steel	
		0.3~0.5	
		vs. Paper	
		0.4~0.6	
		Bottom vs. Steel	
		0.1~0.3	
		vs. Lagged pulley	
		0.3~0.6	
		vs. POM (resin)	
		0.1~0.4	
NITTA CORPORATION			