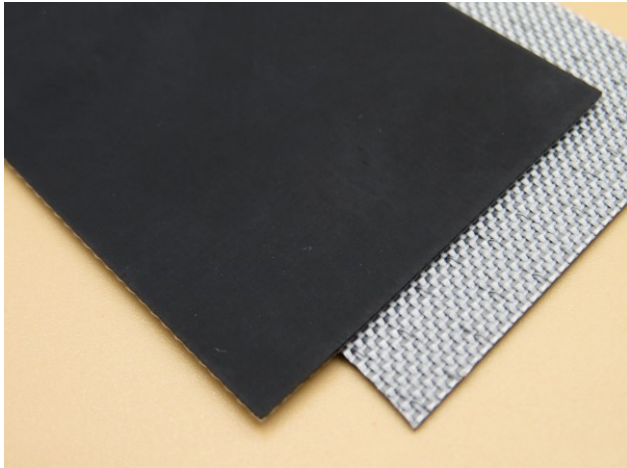


Technical Datasheet		Conveyor Belt	
Belt type		BU-6A	
		U-030 Ver.6	
Applications - Conveyance of electronic components - Light duty conveyor			
Construction			
	Top side		Bottom side
	Conductive TPU		Polyester
	0.3mm		-
	Matte surface		Fabric
	Black		White
	Tension member		Splice
	Polyester		Finger
	Fabric		Skiver
	1ply		
	Construction		
Dimensions		Properties	
Width/Roll (max.)		Minimum pulley diameter	
1,000mm		Flexing	
Width/Endless (max.)		Finger 25mm	
1,000mm		Skiver 30mm	
Length (max.)		Back flexing	
100m		Finger 30mm	
Total thickness		Skiver 30mm	
0.7mm		Knife edge	
Weight		-	
0.7 kg/m²		Dynamic properties	
Please contact Nitta if you need other dimensions.		Standard elongation	
Regulatory compliance		0.3%	
RoHS(2011/65/EC,		Tension after relaxation at 0.3%	
(EU)2015/863)		0.6N/mm	
		Initial tension at 1.0%	
		4.0N/mm	
		Tension after relaxation at 1.0%	
		2.0N/mm	
		Operating temperature range	
		-20~80°C	
		Operating temperature range*	
		-20~80°C	
		*When under continuous use	
Features		Tensile properties	
Antistatic		Tensile strength	
High conductivity		60N/mm	
Surface resistivity (TPU)		Elongation at break	
: 10⁴~10⁶ Ω/sq		15%	
Slider bed		Maximum allowable tension	
Roller bed		4.0N/mm	
		Maximum allowable elongation	
		1.0%	
		Coefficient of friction	
		Top vs. Steel	
		0.3~0.4	
		vs. Paper	
		0.4~0.5	
		Bottom vs. Steel	
		0.1~0.3	
		vs. Lagged pulley	
		0.3~0.6	
		vs. POM (resin)	
		0.1~0.4	
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