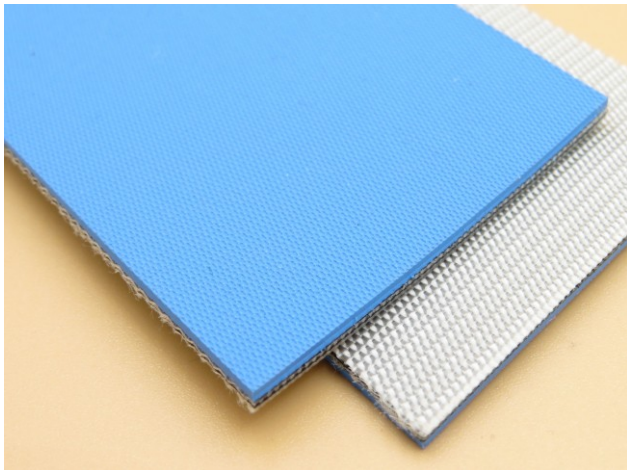
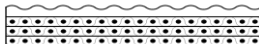


Technical Datasheet		Conveyor Belt	
Belt type		GH-30Z	
		G-003 Ver.7	
Applications ▪ Steel plate conveyance ▪ Material handling ▪ Heavy duty conveyor			
Construction			
	Top side	Bottom side	
	NBR	Polyester	
	1.5mm	-	
	Rough pattern	Fabric	
	Blue	White	
	Tension member	Splice	
	Polyester	Skiver	
	Fabric		
	3ply		
	Construction		
Dimensions			
Width/Roll (max.)		960mm	
Width/Endless (max.)		960mm	
Length (max.)		65m	
Total thickness		3.0mm	
Weight		3.5 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic			
Slider bed			
Roller bed			
Properties			
Minimum pulley diameter			
Flexing			
Skiver		100mm	
		-	
Back flexing			
Skiver		100mm	
		-	
Knife edge			
		-	
Dynamic properties			
Standard elongation		0.5%	
Tension after relaxation at 0.5%		7.5N/mm	
Initial tension at 1.0%		30.0N/mm	
Tension after relaxation at 1.0%		15.0N/mm	
Operating temperature range		-20~80°C	
Operating temperature range*		-20~60°C	
*When under continuous use			
Tensile properties			
Tensile strength		255N/mm	
Elongation at break		20%	
Maximum allowable tension		30.0N/mm	
Maximum allowable elongation		1.0%	
Coefficient of friction			
Top	vs. Steel	0.6~0.7	
	vs. Paper	0.7~0.8	
Bottom	vs. Steel	0.1~0.3	
	vs. Lagged pulley	0.3~0.6	
	vs. POM (resin)	0.1~0.4	

NITTA CORPORATION