

Technical Datasheet		Conveyor Belt	
Belt type		GU-12DS	
		U-051 Ver.7	
Applications			
- Material handling - Accumulation conveyor - Medium duty conveyor			
Construction			
		Top side Polyester - Special fabric Green	Bottom side Polyester - Fabric White
		Tension member Polyester Fabric 2ply	Splice Skiver Finger
		Construction	
Dimensions			
Width/Roll (max.) 1,500mm			
Width/Endless (max.) 1,500mm			
Length (max.) 100m			
Total thickness 1.0mm			
Weight 1.0 kg/m²			
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Antistatic Will not damage conveyed goods Accumulation Slider bed Roller bed			
Properties			
Minimum pulley diameter Flexing Skiver Finger Back flexing Skiver Finger Knife edge -		Tensile properties Tensile strength 120N/mm Elongation at break 15% Maximum allowable tension 8.0N/mm Maximum allowable elongation 1.0%	
Dynamic properties Standard elongation 0.5% Tension after relaxation at 0.5% 2.0N/mm Initial tension at 1.0% 8.0N/mm Tension after relaxation at 1.0% 4.0N/mm Operating temperature range -20~80°C Operating temperature range* -20~80°C *When under continuous use		Coefficient of friction Top vs. Steel 0.1~0.3 vs. Paper 0.2~0.4 Bottom vs. Steel 0.1~0.3 vs. Lagged pulley 0.3~0.6 vs. POM (resin) 0.1~0.4	
NITTA CORPORATION			

NITTA CORPORATION

※The contents of this Technical Data Sheet may be changed without notice.