

Technical Datasheet		Conveyor Belt	
Belt type		WUE-18DS	
		U-048 Ver.6	
Applications - Food conveyance - Medium duty conveyor - Steel plate conveyance			
Construction			
	Top side		Bottom side
	Polyester		Polyester
	-		-
	Special fabric		Special fabric
	White		White
	Tension member		Splice
	Polyester		Skiver
	Fabric		
	3ply		
	Construction		
Dimensions			
Width/Roll (max.)		1,500mm	
Width/Endless (max.)		1,500mm	
Length (max.)		100m	
Total thickness		2.7mm	
Weight		2.7 kg/m²	
Please contact Nitta if you need other dimensions.			
Regulatory compliance			
RoHS(2011/65/EC, (EU)2015/863)			
Features			
Will not damage conveyed goods			
Accumulation			
Whisper			
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%		1.0N/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			
Tensile properties			
Tensile strength		180N/mm	
Elongation at break		20%	
Maximum allowable tension		4.0N/mm	
Maximum allowable elongation		1.0%	
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	
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※The contents of this Technical Data Sheet may be changed without notice.