
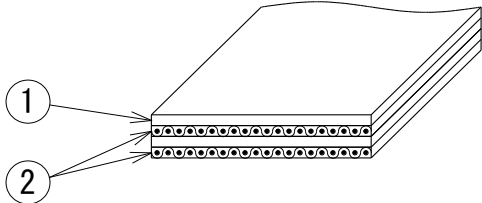


Technical Data Sheet		NLG™		
		U-142	Belt type	
Applications		<ul style="list-style-type: none"> • Food conveyor • Conveyor for middleweight material 		
Item		Description		Remarks
Specification	Construction			①Polyurethane (Mat surface, White) ②PES Fabric (White)
	Dimensions	Antistatic	Yes	
	Width	10 to 1,500 [mm]		
	Length	700 to 100,000 [mm]		
	Thickness	1.3 [mm]		
	Joint	Finger Joint or Skiver Joint		
Properties	Tensile strength	120 [N/mm]		Test speed : 50 mm/min
	Elongation at break	15 [%]		Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]		
	Tension at 0.5 [%]	2 [N/mm]		Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	ϕ 20 or 5R knife edge [mm] (Finger Joint) ϕ 40 [mm] (Skiver Joint)		
	Operating temp.	-30 to 100 [°C]		Periodically case: -20 to 80°C
	Coefficient of friction	0.4 to 0.5(Steel) Polyurethane side 0.2 to 0.25(Steel) Fabric side		Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.3 [kg/m ²]		
Features	<ul style="list-style-type: none"> • Non-fray fabric. • Anti-microbial and Anti-mold. • Heat and wet resistance. • Top surface is high friction. 			