
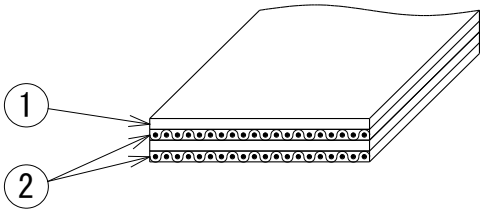


Technical Data Sheet		NLG™	
U-138		Belt type	
Applications		<ul style="list-style-type: none"> • Food conveyor • Conveyor for lightweight material 	
Item	Description	Remarks	
Specification	Construction 	① Polyurethane (Mat surface, Blue) ② PES Fabric (White)	
Dimensions	Antistatic	Yes	
	Width	10 to 1,500 [mm]	
	Length	700 to 100,000 [mm]	
	Thickness	1.4 [mm]	
	Joint	Finger Joint or Skiver Joint	
Properties	Tensile strength	120 [N/mm]	Test speed : 50 mm/min
	Elongation at break	20 [%]	Ambient condition: 23°C,50%R.H.
	Standard elongation	0.5 [%]	
	Tension at 0.5 [%]	1 [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. • Low shrinkage. • Sodium hypochlorite resistance. 		