
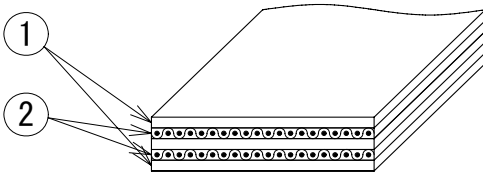


Technical Data Sheet		NLG™	
U-121		Belt type	
Applications		<ul style="list-style-type: none"> <li>• Troughed conveyor</li> <li>• Food conveyor</li> <li>• Conveyor for middleweight material</li> </ul>	
Item	Description	Remarks	
Specification	Construction 	① Polyurethane (Mat surface, White) ② PES Fabric	
Dimensions	Antistatic	Yes	
	Width	10 to 1,500 [mm]	
	Length	700 to 100,000 [mm]	
	Thickness	1.7 [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 [%]	1.25 [N/mm]	Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	φ25 [mm] (Finger Joint) φ50 [mm] (Skiver Joint)	
	Operating temp.	-30 to 100 [°C]	Periodically case: -20 to 80°C
	Coefficient of friction	0.4 to 0.5(Steel) Both side	Measurement condition: 7kPa, 1mm/s Ambient condition: 23°C,50%R.H.
	Mass	1.9 [kg/m <sup>2</sup> ]	
Features	<ul style="list-style-type: none"> <li>• Non-fray fabric.</li> <li>• Anti-microbial and Anti-mold.</li> <li>• Heat and wet resistance.</li> <li>• Low shrinkage.</li> <li>• This type has low lateral rigidity, the suitable troughed conveyor.</li> </ul>		