
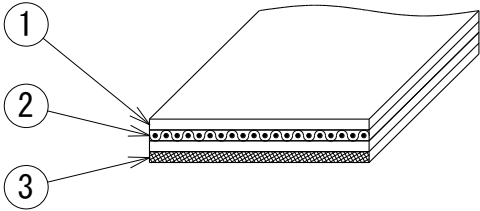


Technical Data Sheet		NLG™	
U-143		Belt type	
Applications		<ul style="list-style-type: none"> <li>• Food Conveyor</li> <li>• Conveyor for lightweight material</li> </ul>	
Item	Description	Remarks	
Specification	Construction 	① Polyurethane (Mat surface, White) ② PES Fabric ③ Special Fabric (White)	
Dimensions	Antistatic	Yes	
	Width	10 to 1,000 [mm]	
	Length	700 to 100,000 [mm]	
	Thickness	1.0 [mm]	
	Joint	Finger Joint or Skiver Joint	
Properties	Tensile strength	70 [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 [%]	0.8 [N/mm]	Ambient condition: 23°C,50%R.H.
	Minimum pulley dia.	$\phi 15$ or 2R knife edge [mm] (Finger Joint) $\phi 25$ [mm] (Skiver Joint)	
	Operating temp.	-20 to 100 [°C]	
	Coefficient of friction	0.4 to 0.5(Steel) Polyurethane side 0.15 to 0.2(Steel) Fabric side	
	Mass	1.2 [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>• Sodium hypochlorite resistance.</li> </ul>		