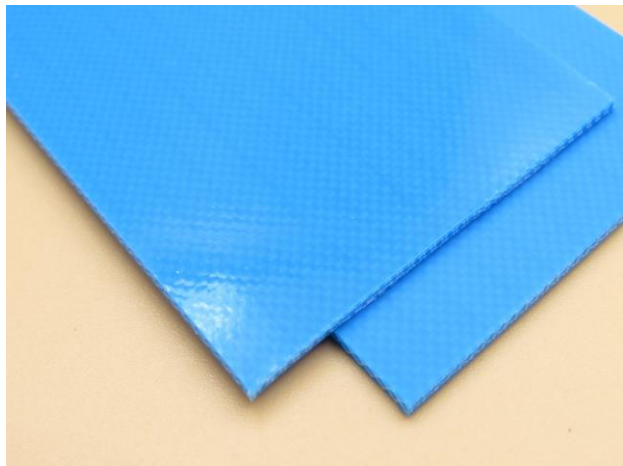



Technical Datasheet		NLG™ Belt type	Conveyor Belt <b>LBEU-12BNF</b> U-148 ver.0
<b>Applications</b>			
<ul style="list-style-type: none"> <li>Food conveyance</li> <li>Light duty conveyor</li> <li>Dough conveyor</li> </ul>		<ul style="list-style-type: none"> <li>Sliced vegetable conveyance</li> <li>Meat, broiler conveyance</li> </ul>	
<b>Construction</b>			
		<b>Top side</b> TPU 0.3mm Mirror surface Blue	<b>Bottom side</b> TPU 0.3mm Matte Surface Blue
		<b>Tension member</b> Polyester Fabric 2ply	<b>Splice</b> Finger Skiver
		Construction	
<b>Dimensions</b>		<b>Properties</b>	
Width/Roll (max.)	1,500mm	<b>Minimum pulley diameter</b>	<b>Tensile properties</b>
Width/Endless (max.)	1,500mm	Flexing	Tensile strength
Length (max.)	100m	Finger 20mm	120N/mm
Total thickness	1.6mm	Skiver 50mm	Elongation at break
Weight	1.7 Kg/m <sup>2</sup>	Back flexing	20%
		Finger 25mm	Maximum allowable tension
		Skiver 50mm	4.0N/mm
		Knife edge	Maximum allowable elongation
		-	1.0%
		<b>Dynamic properties</b>	<b>Coefficient of friction</b>
		Standard elongation	Top vs. Steel
		0.5%	0.7~0.8
		Tension after relaxation at 0.5%	vs. Paper
		1.0N/mm	0.8~0.9
		Initial tension at 1.0%	Bottom vs. Steel
		4.0N/mm	0.4~0.5
		Tension after relaxation at 1.0%	vs. Lagged pulley
		2.0N/mm	0.6~0.8
		Operating temperature range	vs. POM (resin)
		-30~100°C	0.4~0.6
		Operating temperature range*	
		-20~80°C	
		*When under continuous use	
<b>Regulatory compliance</b>			
Food Sanitation Act (Japan)			
RoHS(2011/65/EC)			
REACH regulation			
<b>Features</b>			
Antistatic			
Sodium hypochlorite resistance			
Heat and moisture resistance			
Anti-microbial and Anti-mold			
Non-fray fabric			
Minimal shrinkage/hot water			
Minimal shrinkage/foreign material			
Roller bed			