# Technical Data Sheet

**NITTA BELT POLY**  
**LA-500**  
**NITTA CORPORATION**

## Main uses

- **Construction**
  - 1: NBR (Textured Pattern, Blue)
  - 2: PA Fabric
  - 3: PA Film
  - 4: NBR (Textured Pattern, Blue)

## Specification

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Antistatic</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Width</td>
<td>6 to 325 [mm]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length</td>
<td>300 to 105,000 [mm]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Thickness</td>
<td>1.55 [mm]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint</td>
<td>Skived joint</td>
<td>Adhesive Polybond A and E</td>
</tr>
</tbody>
</table>

## Dimensions

- **Width**: 6 to 325 [mm]
- **Length**: 300 to 105,000 [mm]
- **Thickness**: 1.55 [mm]
- **Joint**: Skived joint  
  - Adhesive Polybond A and E

## Properties

- **Tensile strength**: 150 [N/mm]
  - Test speed: 50mm/min
- **Elongation at break**: 20 [%]
  - Ambient condition: 23°C*50%
- **Recommended elongation**: 2 [%]
- **Tension at 2%**: 7.5 [N/mm]
  - Ambient condition: 23°C*50%
- **Minimum pulley dia.**: 50 [mm]
- **Temperature range**: -20 to +80°C (°C)
- **Coefficient of friction**
  - 0.5 to 0.6 (Steel) (Both side)
  - Measuring condition: 7kPa*1mm/s
  - Ambient condition: 23°C*50%
- **Mass**: 1.8 [kg/m²]

## Features