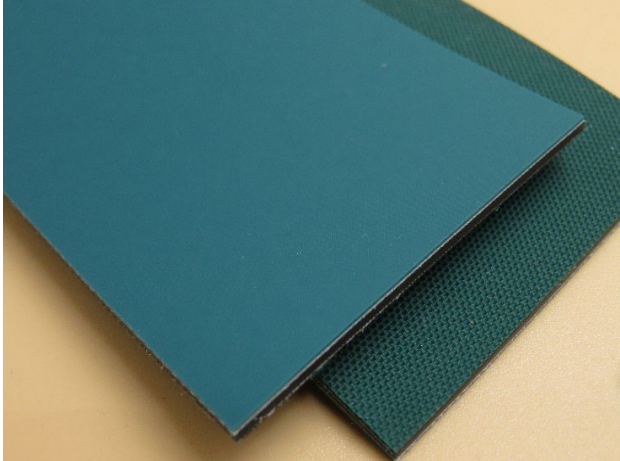


|                     |           |                                      |
|---------------------|-----------|--------------------------------------|
| Technical Datasheet | PolyBelt™ | Power Transmission and Conveyor Belt |
|                     | Belt type | <b>HUT-750</b> PN-007 Ver.0          |

**Applications**


**Construction**



|          |               |
|----------|---------------|
| Top side | Bottom side   |
| Hard TPU | NBR           |
| 0.3mm    | 0.2mm         |
| Flat     | Rough pattern |
| Green    | Green         |

|                |        |
|----------------|--------|
| Tension member | Splice |
| Polyamide      | Skiver |
| Film           |        |
| 0.75mm         |        |

Construction 

|  |   |   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
|--|---|---|-----|-----------|---------|--|-----------|---------|--------|-----------|---------|--|-----------|---------|--|-------------------|---------|--|-----------------|---------|
| <p><b>Dimensions</b></p> <p>Width/Roll (max.) 320mm</p> <p>Width/Endless (max.) 320mm</p> <p>Length (max.) 100m</p> <p>Total thickness 1.9mm</p> <p>Weight 2.2 Kg/m<sup>2</sup></p> <p>Please contact Nitta if you need other dimensions.</p> <p><b>Regulatory compliance</b></p> <p>RoHS(2011/65/EC, (EU)2015/863)</p> <p><b>Features</b></p> <p>Antistatic</p> | <p><b>Properties</b></p> <p><b>Minimum pulley diameter</b></p> <p>Power Transmission Application Skiver 50mm</p> <p>Conveyor Application Skiver 50mm</p> <p><b>Dynamic properties</b></p> <p>Standard elongation 1.0%</p> <p>Tension after relaxation at 1.0% 5.6N/mm</p> <p>Initial tension at 3.0% 33.6N/mm</p> <p>Tension after relaxation at 3.0% 16.8N/mm</p> <p>Operating temperature range -20~80°C</p> <p>Operating temperature range* -20~80°C</p> <p>*When under continuous use</p> | <p><b>Tensile properties</b></p> <p>Tensile strength 225N/mm</p> <p>Elongation at break 20%</p> <p>Maximum allowable tension 33.6N/mm</p> <p>Maximum allowable elongation 3.0%</p> <p><b>Coefficient of friction</b></p> <table border="1"> <tr> <td>Top</td> <td>vs. Steel</td> <td>0.3~0.4</td> </tr> <tr> <td></td> <td>vs. Paper</td> <td>0.4~0.5</td> </tr> <tr> <td>Bottom</td> <td>vs. Steel</td> <td>0.5~0.6</td> </tr> <tr> <td></td> <td>vs. Paper</td> <td>0.6~0.7</td> </tr> <tr> <td></td> <td>vs. Lagged pulley</td> <td>0.7~0.9</td> </tr> <tr> <td></td> <td>vs. POM (resin)</td> <td>0.5~0.7</td> </tr> </table> | Top | vs. Steel | 0.3~0.4 |  | vs. Paper | 0.4~0.5 | Bottom | vs. Steel | 0.5~0.6 |  | vs. Paper | 0.6~0.7 |  | vs. Lagged pulley | 0.7~0.9 |  | vs. POM (resin) | 0.5~0.7 |
| Top  | vs. Steel   | 0.3~0.4   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
|  | vs. Paper   | 0.4~0.5   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
| Bottom   | vs. Steel   | 0.5~0.6   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
|  | vs. Paper   | 0.6~0.7   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
|  | vs. Lagged pulley   | 0.7~0.9   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |
|  | vs. POM (resin)   | 0.5~0.7   |     |           |         |  |           |         |        |           |         |  |           |         |  |                   |         |  |                 |         |