
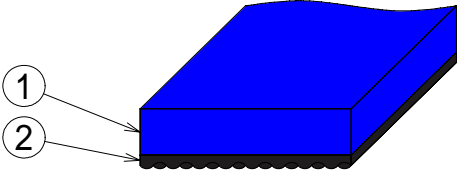


| Technical Data Sheet |  | Belt type               | <i>PolySprint</i><br><b>TA12</b>  | <b>NITTA CORPORATION</b><br> |
|----------------------|--|-------------------------|---|---|
| PS-002               |  |                         |   |   |
| Main uses            | <ul style="list-style-type: none"> <li>• For transport</li> <li>• Bookbinding machine</li> </ul> |                         |   |   |
| No.                  | Item   | Description             | Remarks   |   |
| 1                    | Specification  | Construction            |                     |   |
|                      |  | Antistatic              | Yes   |   |
| 2                    | Dimensions   | Width                   | 10 to 450 [mm]  |   |
|                      |  | Length                  | 400 to 100,000 [mm]   |   |
|                      |  | Thickness               | 1.2 [mm]  |   |
|                      |  | Joint                   | Finger Joint (standard dimension: 10W * 30L)<br>& Skiver Joint  |   |
| 3                    | Properties   | Tensile strength        | 25 [N/mm]   |   |
|                      |  | Elongation at break     | 500 [%]   |   |
|                      |  | Standard elongation     | 5 [%]   |   |
|                      |  | Tension at 5 [%]        | 0.7 [N/mm] after 200hrs running-in  |   |
|                      |  | Minimum pulley dia.     | φ25 [mm]  |   |
|                      |  | Temperature range       | -20 to +60 [ ]  |   |
|                      |  | Coefficient of friction | 0.7 to 0.8 ( Paper) /0.3 to 0.4(Steel) Blue side<br>0.6 to 0.7 ( Paper) /0.3 to 0.4(Steel) Black side |   |
| Mass                 | 1.1 [kg/m <sup>2</sup> ]   |                         |   |   |
| 4                    | Features   |                         |   |   |

TPU  
(Taffeta surface,Blue)  
Conductive TPU  
(Textured surface,Black)

Test speed: 50mm/min  
Ambient condition: 23' C\*50%

Ambient condition: 23' C\*50%

Measuring condition: 7kPa\*1mm/s  
Ambient condition: 23' C\*50%