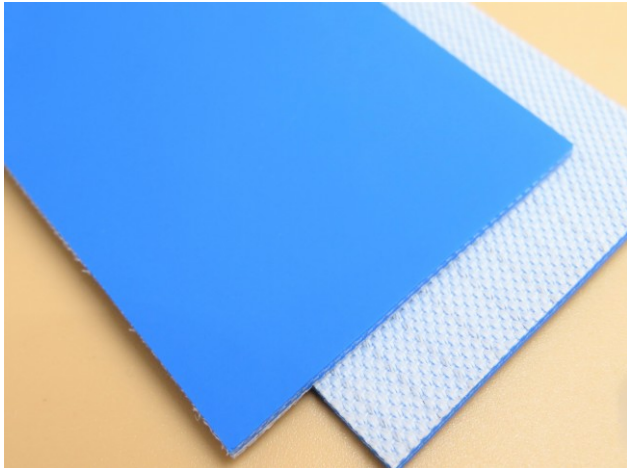
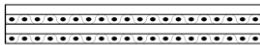


| Technical Datasheet                                                                                                                                                                                          |                | Conveyor Belt                    |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|-------------------------------------------------------------------------------------|
| Belt type                                                                                                                                                                                                    |                | LBEU-12ANF-3                     |                                                                                     |
|                                                                                                                                                                                                              |                | U-160 Ver.3                      |                                                                                     |
| <b>Applications</b> <ul style="list-style-type: none"><li>Food conveyance</li><li>Medium duty conveyor</li><li>Dough conveyor</li><li>Sliced vegetable conveyance</li><li>Meat, broiler conveyance</li></ul> |                |                                  |                                                                                     |
| <b>Construction</b>                                                                                                                                                                                          |                |                                  |                                                                                     |
|                                                                                                                             | Top side       |                                  | Bottom side                                                                         |
|                                                                                                                                                                                                              | TPU            |                                  | Polyester                                                                           |
|                                                                                                                                                                                                              | 0.3mm          |                                  | -                                                                                   |
|                                                                                                                                                                                                              | Matte surface  |                                  | Fabric                                                                              |
|                                                                                                                                                                                                              | Blue           |                                  | White                                                                               |
|                                                                                                                                                                                                              | Tension member |                                  | Splice                                                                              |
|                                                                                                                                                                                                              | Polyester      |                                  | Finger                                                                              |
|                                                                                                                                                                                                              | Fabric         |                                  | Skiver                                                                              |
|                                                                                                                                                                                                              | 2ply           |                                  |                                                                                     |
|                                                                                                                                                                                                              | Construction   |                                  |  |
| <b>Dimensions</b>                                                                                                                                                                                            |                |                                  |                                                                                     |
| Width/Roll (max.)                                                                                                                                                                                            |                | 1,500mm                          |                                                                                     |
| Width/Endless (max.)                                                                                                                                                                                         |                | 1,500mm                          |                                                                                     |
| Length (max.)                                                                                                                                                                                                |                | 100m                             |                                                                                     |
| Total thickness                                                                                                                                                                                              |                | 1.3mm                            |                                                                                     |
| Weight                                                                                                                                                                                                       |                | 1.3 kg/m²                        |                                                                                     |
| Please contact Nitta if you need other dimensions.                                                                                                                                                           |                |                                  |                                                                                     |
| <b>Regulatory compliance</b>                                                                                                                                                                                 |                | <b>Properties</b>                |                                                                                     |
| Food Sanitation Act (Japan)                                                                                                                                                                                  |                | <b>Minimum pulley diameter</b>   |                                                                                     |
| RoHS(2011/65/EC,                                                                                                                                                                                             |                | Flexing                          |                                                                                     |
| (EU)2015/863)                                                                                                                                                                                                |                | Finger 15mm                      |                                                                                     |
|                                                                                                                                                                                                              |                | Skiver 40mm                      |                                                                                     |
|                                                                                                                                                                                                              |                | Back flexing                     |                                                                                     |
|                                                                                                                                                                                                              |                | Finger 20mm                      |                                                                                     |
|                                                                                                                                                                                                              |                | Skiver 40mm                      |                                                                                     |
|                                                                                                                                                                                                              |                | Knife edge                       |                                                                                     |
|                                                                                                                                                                                                              |                | Finger R5                        |                                                                                     |
|                                                                                                                                                                                                              |                | <b>Dynamic properties</b>        |                                                                                     |
|                                                                                                                                                                                                              |                | Standard elongation              |                                                                                     |
|                                                                                                                                                                                                              |                | 0.5%                             |                                                                                     |
|                                                                                                                                                                                                              |                | Tension after relaxation at 0.5% |                                                                                     |
|                                                                                                                                                                                                              |                | 2.0N/mm                          |                                                                                     |
|                                                                                                                                                                                                              |                | Initial tension at 1.0%          |                                                                                     |
|                                                                                                                                                                                                              |                | 8.0N/mm                          |                                                                                     |
|                                                                                                                                                                                                              |                | Tension after relaxation at 1.0% |                                                                                     |
|                                                                                                                                                                                                              |                | 4.0N/mm                          |                                                                                     |
|                                                                                                                                                                                                              |                | Operating temperature range      |                                                                                     |
|                                                                                                                                                                                                              |                | -30~100°C                        |                                                                                     |
|                                                                                                                                                                                                              |                | Operating temperature range*     |                                                                                     |
|                                                                                                                                                                                                              |                | -20~80°C                         |                                                                                     |
|                                                                                                                                                                                                              |                | *When under continuous use       |                                                                                     |
| <b>Features</b>                                                                                                                                                                                              |                | <b>Tensile properties</b>        |                                                                                     |
| Antistatic                                                                                                                                                                                                   |                | Tensile strength                 |                                                                                     |
| Sodium hypochlorite resistance                                                                                                                                                                               |                | 120N/mm                          |                                                                                     |
| Heat and moisture resistance                                                                                                                                                                                 |                | Elongation at break              |                                                                                     |
| Anti-microbial and Anti-mold                                                                                                                                                                                 |                | 15%                              |                                                                                     |
| Non-fray fabric                                                                                                                                                                                              |                | Maximum allowable tension        |                                                                                     |
| Slider bed                                                                                                                                                                                                   |                | 8.0N/mm                          |                                                                                     |
| Roller bed                                                                                                                                                                                                   |                | Maximum allowable elongation     |                                                                                     |
|                                                                                                                                                                                                              |                | 1.0%                             |                                                                                     |
|                                                                                                                                                                                                              |                | <b>Coefficient of friction</b>   |                                                                                     |
|                                                                                                                                                                                                              |                | Top vs. Steel                    |                                                                                     |
|                                                                                                                                                                                                              |                | 0.4~0.5                          |                                                                                     |
|                                                                                                                                                                                                              |                | vs. Paper                        |                                                                                     |
|                                                                                                                                                                                                              |                | 0.5~0.6                          |                                                                                     |
|                                                                                                                                                                                                              |                | Bottom vs. Steel                 |                                                                                     |
|                                                                                                                                                                                                              |                | 0.1~0.3                          |                                                                                     |
|                                                                                                                                                                                                              |                | vs. Lagged pulley                |                                                                                     |
|                                                                                                                                                                                                              |                | 0.3~0.6                          |                                                                                     |
|                                                                                                                                                                                                              |                | vs. POM (resin)                  |                                                                                     |
|                                                                                                                                                                                                              |                | 0.1~0.4                          |                                                                                     |
| NITTA CORPORATION                                                                                                                                                                                            |                |                                  |                                                                                     |