

| Technical Datasheet                                                                                                             |                | Conveyor Belt     |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-------------------------------------------------------------------------------------|
| Belt type                                                                                                                       |                | SWEU-6ANF         |                                                                                     |
|                                                                                                                                 |                | U-122 Ver.7       |                                                                                     |
| Applications <ul style="list-style-type: none"><li>Food conveyance</li><li>Light duty conveyor</li><li>Dough conveyor</li></ul> |                |                   |                                                                                     |
| Construction                                                                                                                    |                |                   |                                                                                     |
|                                                | Top side       |                   | Bottom side                                                                         |
|                                                                                                                                 | TPU            |                   | Polyester                                                                           |
|                                                                                                                                 | 0.3mm          |                   | -                                                                                   |
|                                                                                                                                 | Mirror surface |                   | Fabric                                                                              |
|                                                                                                                                 | White          |                   | White                                                                               |
|                                                                                                                                 | Tension member |                   | Splice                                                                              |
|                                                                                                                                 | Polyester      |                   | Finger                                                                              |
|                                                                                                                                 | Fabric         |                   | Skiver                                                                              |
|                                                                                                                                 | 1ply           |                   |                                                                                     |
|                                                                                                                                 | Construction   |                   |  |
| Dimensions                                                                                                                      |                |                   |                                                                                     |
| Width/Roll (max.)                                                                                                               |                | 1,500mm           |                                                                                     |
| Width/Endless (max.)                                                                                                            |                | 1,500mm           |                                                                                     |
| Length (max.)                                                                                                                   |                | 100m              |                                                                                     |
| Total thickness                                                                                                                 |                | 0.7mm             |                                                                                     |
| Weight                                                                                                                          |                | 0.7 kg/m²         |                                                                                     |
| Please contact Nitta if you need other dimensions.                                                                              |                |                   |                                                                                     |
| Regulatory compliance                                                                                                           |                |                   |                                                                                     |
| Food Sanitation Act (Japan)                                                                                                     |                |                   |                                                                                     |
| RoHS(2011/65/EC,                                                                                                                |                |                   |                                                                                     |
| (EU)2015/863)                                                                                                                   |                |                   |                                                                                     |
| Features                                                                                                                        |                |                   |                                                                                     |
| Antistatic                                                                                                                      |                |                   |                                                                                     |
| Heat and moisture resistance                                                                                                    |                |                   |                                                                                     |
| Anti-microbial and Anti-mold                                                                                                    |                |                   |                                                                                     |
| Easy to clean                                                                                                                   |                |                   |                                                                                     |
| Non-fray fabric                                                                                                                 |                |                   |                                                                                     |
| Slider bed                                                                                                                      |                |                   |                                                                                     |
| Roller bed                                                                                                                      |                |                   |                                                                                     |
| Properties                                                                                                                      |                |                   |                                                                                     |
| Minimum pulley diameter                                                                                                         |                |                   |                                                                                     |
| Flexing                                                                                                                         |                |                   |                                                                                     |
| Finger                                                                                                                          |                | 10mm              |                                                                                     |
| Skiver                                                                                                                          |                | 20mm              |                                                                                     |
| Back flexing                                                                                                                    |                |                   |                                                                                     |
| Finger                                                                                                                          |                | 15mm              |                                                                                     |
| Skiver                                                                                                                          |                | 20mm              |                                                                                     |
| Knife edge                                                                                                                      |                |                   |                                                                                     |
| Finger                                                                                                                          |                | R2                |                                                                                     |
| Dynamic properties                                                                                                              |                |                   |                                                                                     |
| Standard elongation                                                                                                             |                | 0.3%              |                                                                                     |
| Tension after relaxation at 0.3%                                                                                                |                | 0.6N/mm           |                                                                                     |
| Initial tension at 1.0%                                                                                                         |                | 4.0N/mm           |                                                                                     |
| Tension after relaxation at 1.0%                                                                                                |                | 2.0N/mm           |                                                                                     |
| Operating temperature range                                                                                                     |                | -30~100°C         |                                                                                     |
| Operating temperature range*                                                                                                    |                | -20~80°C          |                                                                                     |
| *When under continuous use                                                                                                      |                |                   |                                                                                     |
| Tensile properties                                                                                                              |                |                   |                                                                                     |
| Tensile strength                                                                                                                |                | 60N/mm            |                                                                                     |
| Elongation at break                                                                                                             |                | 15%               |                                                                                     |
| Maximum allowable tension                                                                                                       |                | 4.0N/mm           |                                                                                     |
| Maximum allowable elongation                                                                                                    |                | 1.0%              |                                                                                     |
| Coefficient of friction                                                                                                         |                |                   |                                                                                     |
| Top                                                                                                                             |                | vs. Steel         |                                                                                     |
|                                                                                                                                 |                | 0.7~0.8           |                                                                                     |
|                                                                                                                                 |                | vs. Paper         |                                                                                     |
|                                                                                                                                 |                | 0.8~0.9           |                                                                                     |
| Bottom                                                                                                                          |                | vs. Steel         |                                                                                     |
|                                                                                                                                 |                | 0.1~0.3           |                                                                                     |
|                                                                                                                                 |                | vs. Lagged pulley |                                                                                     |
|                                                                                                                                 |                | 0.3~0.6           |                                                                                     |
|                                                                                                                                 |                | vs. POM (resin)   |                                                                                     |
|                                                                                                                                 |                | 0.1~0.4           |                                                                                     |
| NITTA CORPORATION                                                                                                               |                |                   |                                                                                     |