

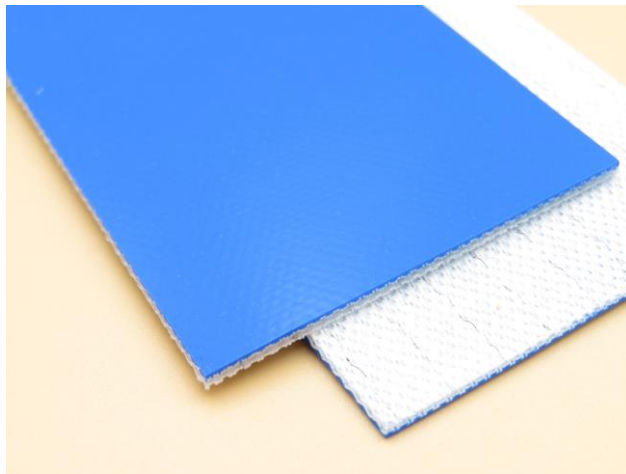
| Technical Datasheet | Conveyor Belt |              |
|---------------------|---------------|--------------|
|                     | Belt type     | Belt No.2137 |

# 2 SRAFP 02/LB2 IM

## Applications

- Conveyor belt for the food industry
- This belt has frayless properties
- Cooling belt in bakeries
- Oil and grease resistant
- Conveyor belt in bakeries
- Blue colour makes potential product contamination visible

## Construction



| Top side       | Bottom side        |
|----------------|--------------------|
| PU 92 Shore A  | Polyester          |
| 0.20mm         | Rigid              |
| Glossy         | Impregnated fabric |
| Blue           | Antistatic fabric  |
| Tension member | Splice             |
| Polyester      | Finger             |
| Fabric         |                    |
| 2ply           |                    |

Construction



## Dimensions

|                  |                       |
|------------------|-----------------------|
| Width/Roll(max.) | 3,000 mm              |
| Length (max.)    | 100 mm                |
| Total thickness  | 1.5 mm                |
| Weight           | 1.8 kg/m <sup>2</sup> |

Please contact Nitta if you need other dimensions.

## Properties

|                         |       |
|-------------------------|-------|
| Minimum pulley diameter |       |
| Flexing                 | 15 mm |
| Back flexing            | 20 mm |

|                              |          |
|------------------------------|----------|
| Tensile properties           |          |
| Tensile strength             | 90 N/mm  |
| Elongation at break          | 15 %     |
| Maximum allowable tension    | 7.0 N/mm |
| Maximum allowable elongation | 1.0 %    |

## Regulatory compliance

FDA  
10/2011/EC+amendments  
Flame Retardant : UL94HB

|                                  |           |
|----------------------------------|-----------|
| Dynamic properties               |           |
| Standard elongation              | 0.5 %     |
| Tension after relaxation at 0.5% | 1.7 N/mm  |
| Initial tension at 1.0%          | 7.0 N/mm  |
| Tension after relaxation at 1.0% | 3.5 N/mm  |
| Operating temperature range      | -20~80 °C |

|                         |         |
|-------------------------|---------|
| Coefficient of friction |         |
| Top vs. Steel           | 0.3~0.4 |
| Bottom vs. Steel        | 0.2~0.3 |

## Features

Antistatic  
Flame Retardant  
Oil and Grease Resistant  
Fray-less

**NITTA CORPORATION**

※ The contents of this Technical Datasheet may be changed without notice.

Date of issue.  
2024/9/16