

NITOFLON

No.923SL

Outline

NITOFLON NO.923SL is a tape using polytetrafluoroethylene (PTFE) film as base material. Single surface treated and coated with silicone adhesive with excellent heat resistance.

The tape exhibits superior features such as desirable electrical properties, heat resistance, chemical resistance and non-adhesiveness.

Structure

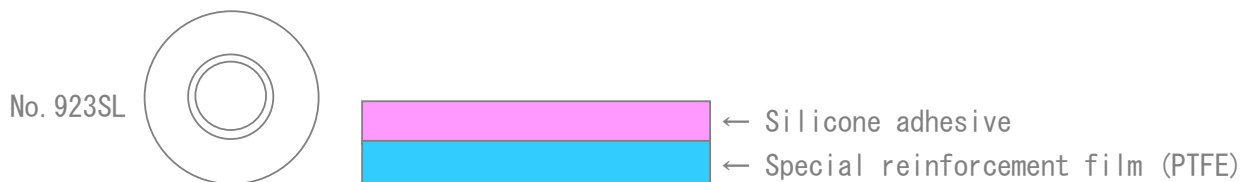


Fig. 1

Features

- The non-adhesive side exhibits excellent features of polytetrafluoroethylene (PTFE) such as electrical properties, resistance to heat, weather, chemical, and water (water shedding), and non-adhesiveness.
- Superior tensile strength.
- Superior flame resistance.
- Can be used in a wide range of temperature (-60°C to 200°C), however, it may vary according to the use condition.

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Applications

- For roll wrapping in polyethylene laminators (Suitable for long continuous use as the tape has superior durability and mechanical strength).
- For endless belts of polyethylene laminators (Depending on application, Time for changing tapes upon dimensional change of laminated products can be shortened by making a double-layered endless belt, adhering with NITOFロン No.923UL or No.923S.)
- For insulation of coils as a class H insulating material.
- Can be laminated with metals, plastics and ceramics as general sliding materials.

General Properties

Table

| Items | Unit | Characteristic value |
|---|--------|--|
| Thickness | mm | 0.17 |
| Tensile strength | N/19mm | 240 |
| Elongation | % | 80 |
| Peeling strength(Stainless steel plate) | N/19mm | 7.9 |
| Unwinding force | N/19mm | 7.1 |
| Breakdown voltage | KV | 19 |
| Flame resistance | - | UL510 Flame Retardant (File No.E34833) |
| Temperature Use Range | °C | -60 to 200 |

*The above values are sample observed values, not the guaranteed performance.

Cares

- Store the product in the place where direct sunlight and high temperature do not affect.
- Clean up the dusts and oil on the face, before the adhesive put on.

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