

## NITOFLON Special Reinforcement Adhesive Tape

# No.923UL

### Outline

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Heat-resistant adhesive tape NITOFLON NO.923UL consisting of PTFE (polytetrafluoroethylene) special reinforced film and silicone adhesive layer. These products have a following various properties, high mechanical strength, desirable electrical insulation, chemical resistance, non-adhesive characteristics and excellent heat resistance.

### Structure

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Fig. 1

### Features

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- The non-adhesive side exhibits excellent characteristics of polytetrafluoroethylene such as electrical characteristics, resistance to weather, chemical, and water (water-shedding), and non-adhesiveness.
- Superior tensile strength.
- Superior flame resistance.

### Applications

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- For roll wrapping of polyethylene laminators (Suitable for laminations made in a relatively short amount of time or for thin laminates as changing tapes is simple).
- For endless belts of polyethylene laminators (Time for changing tapes upon dimensional change of laminated products can be shortened by making a double-layered endless belt by bonding the adhesive sides of No.923S together, or, depending on application, with NITOFLON No.923UL or 923SL).
- For insulation of coils as a class H insulating material.
- Can be laminated with metals, plastics and ceramics as general sliding materials. For heat-resistant masking.

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NO.923UL\_06E

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**General Properties**


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Table

Items	Unit	Characteristic value
Thickness	mm	0.10
Tensile strength	N/19mm	92
Elongation	%	110
Peeling strength (on stainless steel plate)	N/19mm	6.4
Unwinding force	N/19mm	5.3
Volume resistivity	$\Omega \cdot \text{cm}$	$10^{16}$
Breakdown voltage	KV	11.2
Copper corrosion	-	None
Heat resistance	-	Good
Coefficient kinetic friction	-	0.1
Flame resistance	-	UL510 Flame Retardant(E34833)
Color tone	-	Natural
Continuous Service Temperature	$^{\circ}\text{C}$	-60~200

**Cares**


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- 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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