

NITOFLON™  
**NO.903UT**

## Outline

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Heat-resistant adhesive tape NITOFLON™ NO.903UT consisting of PTFE (Polytetrafluoroethylene) film and silicone adhesive layer.

## Structure

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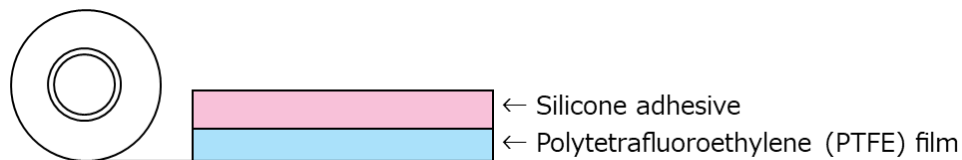


Fig.1 Structure

## Features

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- A thin adhesive tape with a total thickness of 0.06 mm. Contributes to weight reduction.
- It has excellent properties such as heat resistance, electrical insulation, low friction, water repellency, and back releasability.
- Continuous use is possible in a wide temperature range of from -60°C to 200°C (recommended value), and even it can be used at higher temperatures for short periods of time.
- Certified under UL510A standard for flame retardant (E34833).
- It exhibits good adhesion to various materials.

## Applications

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- For Insulation of electric wires / cables and coils
- For Heat-resistant and sliding of the printer paper thread
- For Binding and protecting the wiring of mobile devices
- For Binding and protection of wiring in the automobile engine room

## Properties

Table.1 General properties

Property	Unit	Characteristic value
Thickness	mm	0.06
180°Peeling strength (Substrate: SUS)	N/19mm	4.3
Unwinding force	N/19mm	3.8
Tensile strength	N/19mm	44
Elongation	%	180
Breakdown voltage	kV	6.4
Coefficient of kinetic friction	–	0.1
Flame resistance	–	UL510A Flame Retardant (E34833)
Color	–	Greyish brown
Continuous use temp.	°C	-60~200

## Notes

- Remove oil, moisture, and dust from the surface of the adherend.
- Hold the part to be pasted well and crimp it sufficiently.
- It takes some time for the tape to exhibit its original adhesive strength. After pasting, leave it for several hours before use.
- Please note that the mechanical properties, adhesive performance, etc. will deteriorate at high temperatures.
- When disposing of this product, please dispose of it according to the local regulations. When incinerating it, please use an appropriate disposal equipment otherwise harmful fluorine gas would be generated.
- Do not heat it above 400°C as fluorine gas may be generated.
- This product is for industrial use. Please do not use it on the human body.
- Store in a cool place away from direct sunlight.