

NITOFLON™

# No.923S

## Outline

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NITOFLON™ No.923S is an adhesive tape with silicone adhesive applied to a specially reinforced high-strength and orange colored PTFE film as a base material, and has excellent heat resistance, electrical insulation, and low friction.

This tape is thin & high strength, and it is suitable for use of tensioned applications.

## Structure

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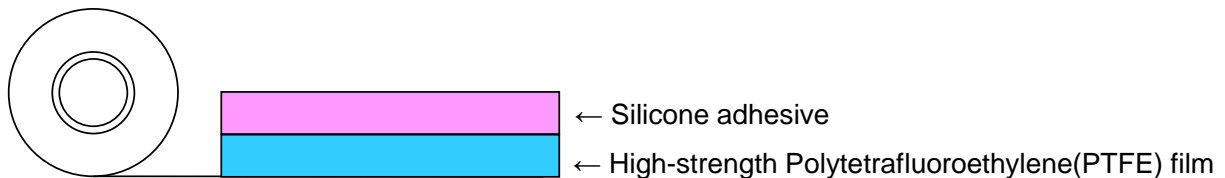


Fig.1 Structure

## Features

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- Uses specially enhanced high -strength PTFE film as base material and providing excellent tensile strength.
- Equipped with excellent characteristics, such as heat resistance, electrical insulation, slipping, water repellency, and back separation.
- Make it possible for continuous use in wide temperature range from -60°C to 200°C (recommended value).  
In addition, it can be used even at higher temperatures in a short time.
- Demonstrates good adhesions for various materials.

## Applications

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- Roll wrapping of polyethylene laminate and endless belt (for protection and adhesion prevention).
- Insulation of electric wires, cables, and coils (for H -type electrical insulation).
- For sliding and releasing of metal, plastic, ceramic, etc.

## Standard Product Size

Table 1

Product Code	Thickness(mm)	Width(mm)	Length(m)
NO.923S	0.10	25, 38, 50,75, 100, 125, 150, 200	33

## General Properties

Table 2

Items	Unit	Characteristic value
Total Thickness	mm	0.10
180° Peeling strength (Substrate : Stainless steel)	N/19mm	6.5
Unwinding force	N/19mm	6.0
Tensile strength	N/19mm	128
Elongation	%	51
Breakdown voltage	KV	11
Flame resistance	-	UL510 Flame Retardant (E34833)
Color	-	Orange
Temperature Use Range	°C	-60 to 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, leaving it for several hours before use.
- Please note that the mechanical properties, adhesive performance, etc. will be deteriorated at high temperatures.
- When disposing of this product, please dispose 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.