

NITOFLON™
NO.923S

Outline

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

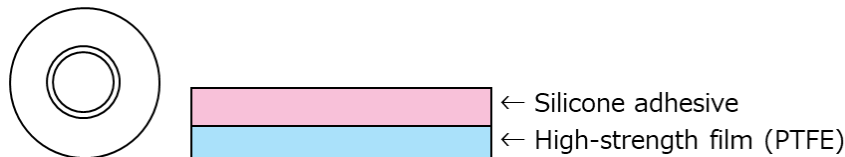


Fig.1 Structure

Features

- 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.
- 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.
- It exhibits good adhesion to various materials.

Applications

- For roll wrapping of polyethylene laminators (for protection and adhesion prevention)
- For endless belts of polyethylene laminators (for protection and adhesion prevention)
- Insulation of electric wires, cables, and coils
- For sliding and releasing of metal, plastic, ceramic, etc.

Standard Products Size

Table.1 Standard Products Size

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

*Contact us for information concerning sizes other than standard sizes.

Properties

Table.2 General properties

Property	Unit	Characteristic value
Thickness	mm	0.10
180°Peeling strength (Substrate: SUS)	N/19mm	6.5
Unwinding force	N/19mm	6.0
Tensile strength	N/19mm	157
Elongation	%	114
Breakdown voltage	kV	11
Flame resistance	—	UL510A Flame Retardant (E34833)
Color	—	Orange
Continuous use temp.	℃	-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.