

NITOFLON™

No.923UT

Outline

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

Since the thickness is thin, it is suitable for use in places where there is little space for pasting.

Structure

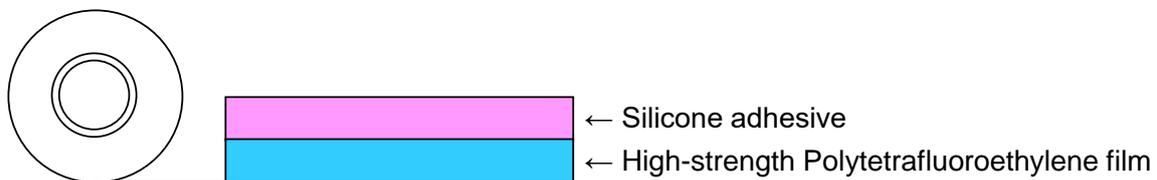


Fig.1 Structure

Features

- This product is a very thin adhesive tape with total thickness of 0.04mm and has high tensile strength and low elongation.
- It has excellent properties such as heat resistance, electrical insulation, low friction, water repellency, and back releasability.

Applications

- Wire bundling for mobile devices (protection, insulation)
- Mold release
- Insulation of cables, coils, etc.

General Properties

Table

Items	Unit	Characteristic value
Total Thickness	mm	0.04
180° Peeling strength (Substrate : Stainless steel)	N/19mm	3.7
Tensile strength	N/19mm	65
Elongation	%	45
Breakdown voltage	KV	5.3
Flame resistance	-	UL510 Flame Retardant (E34833)
Color	-	Brown
Temperature Use Range	°C	-60 to 200

Note: Listed values are reference values, not guaranteed values.

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 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.