

## Fluoroplastic Product: NITOFLON Fluoroplastic-impregnated Glass-cloth

### Semiconducting Adhesive Tape No.973SC

Semiconducting adhesive tape consists of PTFE-impregnated glass cloth.



#### Outline

NITOFLON No.973SC consists of a glass cloth base impregnated with polytetrafluoroethylene (PTFE) that includes semiconductive carbons, and sintered. Single surface treated and coated with a silicone adhesive.

Semiconductive base material exhibits excellent heat resistance, mechanical strength and antistatic.

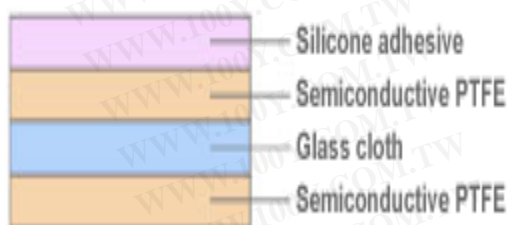
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#### Features

Semiconductive base material prevents accumulation of static.

Can smoothly laminate, wind, bind and seal, just like regular adhesive tapes.

#### Structure



#### Applications

For heat-sealing bags and various package lines.

For coating of guiding parts, chutes, hoppers and metal molds which require mold-releasing or lubricating capabilities.

## General properties

N0.973 SC			
Property	Unit	Characteristic value	Test method
Thickness	[mm]	0.18	
Tensile strength	[N/19mm]	610	JIS C
Adhesive strength (stainless-steel)	[N/25mm]	9.9	2107(Ref.)
Surface resistance	[Ω]	$10^3$ - $10^8$	—
Copper corrosion	—	None	—
Heat resistance	—	Good	—
Transparency	—	Opaque (black)	—
Continuous service temperature	°C	-60-180	—

\* The above values are sample observed values, not the guaranteed performance.

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