

NITOFLON PTFE Semiconducting adhesive tape consists of PTFE-impregnated glass cloth

No.973SC

Outline

NITOFLON NO.973SC consists of a glass cloth base impregnated with polytetrafluoroethylene (PTFE) that includes semiconducting carbons, and sintered. Single surface treated and coated with a silicone adhesive. Semiconducting base material exhibits excellent heat resistance, mechanical strength and antistatic.

Structure



Fig. 1

Features

- Semiconducting base material prevents accumulation of static.
- Good holding property at elevated temperatures and dimensional stability.
- The non-adhesive side exhibits excellent characteristics of polytetrafluoroethylene such as electrical properties, resistance to heat, weather, chemical, and water (water-shedding), and non-adhesiveness.

Applications

- Dyestuff resin process.
- Lining of chutes and hoppers.
- Others, covering for anti-stick or smooth necessary parts.

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General Properties

Table

Items	Unit	Characteristic value
Thickness	mm	0.18
Tensile strength	N/19mm	610
Unwinding force	N/19mm	7.2
Peeling strength (stainless steel)	N/19mm	9.9
Surface resistance	Ω/\square	$10^3 \sim 10^8$
Copper corrosion	-	None
Heat resistance	-	Good
Color	-	Black
Continuous Service Temperature	$^{\circ}\text{C}$	-60~200

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

Cares

- Store the product in the place where direct sunlight and high temperature do not affect.
- Clean up the dusts and oil on the face, before the adhesive put on.

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