

NITOFLON Fluoroplastic-impregnated Glass-cloth Adhesive Tape

No.973UL-S

Outline

Glass cloth base material impregnated with polytetrafluoroethylene (PTFE) dispersion then sintered. Single surface treated and coated with a silicone adhesive, which exhibits excellent heat resistance and mechanical strength.

Structure



Fig. 1

Features

- Superior mold-releasing and sliding properties.
- 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

- Heat-resistant insulation
- Heat-resistant lubricants for heat sealing
- Chute and hopper linings
- Surface coating of sizing rolls for dyeing and resin treatment

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General Properties

Table

Items		Unit	Characteristic value
Thickness		mm	0.13
Tensile strength		N/19mm	240
Peeling strength (stainless steel)	25°C	N/19mm	6.8
	100°C	N/19mm	3.2
	150°C	N/19mm	2.2
Unwinding force		N/19mm	5.9
Adhesive residue test	200°C × 5days	-	Good
	230°C × 2days	-	Good
	250°C × 5hour	-	Good
Flame Retardant		-	UL510 Flame Retardant(E34833)

*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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