

**NITOFロン Fluoroplastic-impregnated Glass-cloth Adhesive Tape****No.973UL****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 dying and resin treatment

**Notes:** This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.

**General Properties**

---

Table

Items		Unit	Characteristic value	
Thickness		mm	0.15	0.18
Tensile strength		N/19mm	590	670
Peeling strength (stainless steel)	25°C	N/19mm	9.0	9.7
	100°C	N/19mm	3.9	4.7
	150°C	N/19mm	2.6	3.0
Unwinding force		N/19 mm	7.5	5.9
Flame Retardant		-	UL510 Flame Retardant(E34833)	
Color		-	Nature	
Temperature Use Range		°C	-60 to 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.

**Notes:** This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.

**NITOFロン 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 dying and resin treatment

**Notes:** This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.

**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.

**Notes:** This data represents examples of measured values, and not guaranteed values. They do not guarantee compatibility with the applications described in these documents. Please confirm compatibility with your application prior to use. We retain all rights, including copyrights, for the contents of these documents. Copying, reprinting and use for purposes other than originally intended are strictly prohibited without our prior expressed permission. Contact details are provided at the end of this document. Please do not hesitate to contact us for any inquiry.