

台灣谷登企業有限公司

TAIWAN GOLDEN ENT. CO., LTD.

高雄市三民區青年路二段 600 號

TEL : 886-7-7100299 FAX : 886-7-7100313

TECHNICAL SPECIFICATION 973UL

NITTO

PRODUCT INFORMATION

可公佈

NITTO FLUOROPLASTIC PRODUCTS

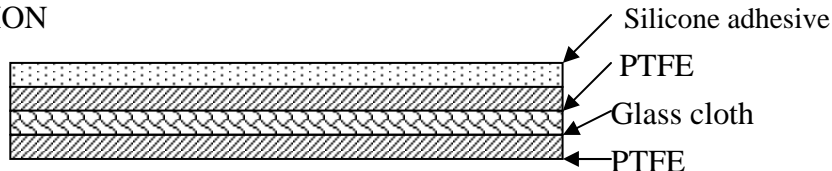
NITOFLON ADHESIVE TAPE NO.973UL, NO.973 TACK

1. OUTLINE

NITOFLON NO.973UL is one face adhesive tape produced by coating silicone Adhesive on one face of NITOFLON Glass Cloth (No.970) made of high quality Glass cloth impregnated with polytetrafluoroethylene (PTFE) dispersion and sintered. It has excellent heat resistance and high mechanical strength. It is UL-listed flame retardant tape. (File No.E 34833)

2. CONSTRUCTION

No.973UL



3. FEATURES

- 1) The non-adhesive face has excellent characteristics of polytetra-Fluoroethylene e.g. excellent electrical properties, high resistance to heat, weathering, chemicals and water (water repellency), nontackiness, etc.
- 2) High mechanical strength.

NITOFLON is the NITTO's tradename for fluorocarbon plastic products

4. USES

- 1) Covering of pressure rollers of hat sealer for packaging foodstuff, rice bags, chemicals, etc.
- 2) For heat sealing of plastic films.
- 3) Surface covering of sizing rolls for dyeing and plastic processing.
- 4) Covering of the roll of coater for tacky or adhesive materials
- 5) Covering of friction areas of chutes, hoppers, guide rails.
- 6) Covering requiring non-tackiness and plain and smooth surfaces.
- 7) Lining of the tank of applicator.
- 8) Insulating spacer, covering for insulation of wire connections, other insulation coverings.

5. STANDARD SIZES

Table 1

Product	Thickness (mm)	Width (mm)	Length (m)
No.973UL	0.13	13,19,25,38,50,100,250	10
	0.18	13,19,25,250	
No.973UL TACK	0.13	480,950(MAX)	
	0.15	490,980(MAX)	
	0.18	490,980(MAX)	

*For other sizes, please contact us

6 PROPERTIES

6.1 General Properties

Table2

Properties	Unit	NO.973UL		NO.973 TACK	Test Method
Thickness	mm	0.13	0.18	0.18	ASTM D1000
Tensile strength	kg/25mm w.	19	45	45	
Peel strength to Stainless steel Own backing	kg/25mm w.	800	1060	1060	
		550	660	660	
Unwinding force	g/25mm w.	780	920	--	
Surface resistivity	ohm	10 ¹⁴	10 ¹⁴	10 ¹⁴	ASTM D 257
Volume resistivity	ohm-cm	10 ¹⁶	10 ¹⁶	10 ¹⁶	
Breakdown voltage	kv	2.2	3.8	3.8	ASTM D 149
Copper corrosive properties	--	None	None	None	50°C×95%RH ×10days
Heat resistance	--	Excellent	Excellent	Excellent	--
Flame resistance	--	Pass	Pass	Pass	UL510
Color	--	Natural	Natural	Natural	--
Weatherability		Excellent	Excellent	Excellent	--
Continuous service temperature range	°C	-60-180	-60-180	-60-180	--

7. PRECAUTION

- 1) Remove dirt and dust, oil and grease, moisture and water from the surface
Where the tape is applied.
- 2) It is recommended to store the tape in a cool and dark place and not to
store the tape for a long term.

NOTE: Technical data figures herein presented are typical and should not be used
for any specification purposes