

氟乙烯樹脂產品

NITOFLON® 粘合膠帶 No.903UL/No.903-T

單面粘合處理的氟乙烯樹脂膠帶、發揮其特性應用于各種用途。

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

概要

NITOFLON No.903UL 是以單面粘合處理后的四氟乙烯樹脂 (PTFE) 薄膜為基體材料，處理面塗覆耐熱性良好的矽系列粘合劑的粘合膠帶。其具有電氣特性以及耐熱性、耐藥性、低摩擦系數、非粘性等多種良好特點。

特點

- 非粘面具有良好的電氣特性，耐熱性、耐氣候性、耐藥性、耐水性（防水性）、低摩擦系數、非粘性等四氟乙烯樹脂所持有的良好特性。
- 操作方法與一般的粘合膠帶相同，粘合、捲繞、捆紮、密封均可順利進行。
- 良好的耐火性。

架構

用途

- 電線、電纜以及線圈的絕緣（H 類電絕緣用）
- 加料斗的內襯材料
- 導軌使用的滑動材料
- 熱密封用的隔離材料
- 防止膠水、粘貼物的黏附
- 用于木模、塑膠成形模的脫型
- 傳真機用的送紙膠帶
- 複印機的滑軌
- 墊圈的內襯材料

■ 接觸腐蝕性化學藥品的墊片

■ 各種機械滑動面的裡襯

一般特性

項目	單位	特性值		試驗方法
		No.903UL	No.903-T	
濃度	mm	0.13		
抗拉強度	N/25mm	98.1		
伸長率	%	280		
剝離粘合力	對不鏽鋼板	N/25mm	7.4	ASTM D 1000
	對本身背面	N/25mm	5.4	
回卷力	N/25mm	4.6	-	
隔離層剝離力	N/50mm	-	0.39	取決于隔離層的剝離
表面電阻	Ω	10 ¹⁶		ASTM D 257
體積固有電阻	Ω · cm	10 ¹⁵		
絕緣擊穿電壓	kV	13.5		ASTM D 149
銅腐蝕性	-	無		50°C×95%RH×10 日
耐熱性	-	優		-
耐火性	-	合格		UL 510
連續使用溫度範圍	°C	-60~180		-

*表中所記載的數值只是測定值的一個例子，不是保證值。

Fluoroplastic adhesive tape NITOFLON

No. 903UL/9030UL

Class H Electrical insulating adhesive tape using fluoroplastic film



No.903UL



No.9030UL

Outline

Single surface treated polytetrafluoroethylene (PTFE) film-base tape coated with silicone adhesive with excellent heat-resistance. Along with great electrical characteristics, the tape has a number of excellent features such as heat resistance, chemical resistance, low friction coefficient and non-adhesiveness.

Features

- UL510 certified.
- Environment-friendly and complies with Notification No.20 of the Ministry of Health, Labor and Welfare.
- Superior in mold-releasing and sliding property.
- Uses the Class H insulating material.
- Superior flame resistance.
- Non-adhesive side of the tape offers excellent characteristics of polytetrafluoroethylene, such as electrical property, resistance to heat, weather, chemical, and water (water-shedding), low friction coefficient and non-adhesiveness.
- Can smoothly adhere, wind, band and seal, just like regular adhesive tapes.

Structure



Specifications

Product No.	Color	Thickness (mm)	Maximum width (mm)	Length (m)
No.903UL	Gray	0.08~0.23	450	10/33
No.903-T	White	0.08~0.23	200	10

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Properties

Product No.	Peeling strength (N/19mm)	Tensile strength (N/19mm)	Breakdown voltage (kV)	Elongation (%)
No.903UL	5.4	89	13.5	260
No.903-T	5.2	91	14.8	260

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

Applications

- For heat-resistant masking.
- For heat-sealing.
- For heat-resistant electrical insulation.