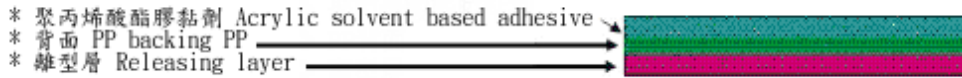


清潔機用黏塵滾筒 ADHESIVE ROLLER

產品概要 Outline

黏塵滾筒用於半導體工廠專門清除灰塵，對於難以清洗布料清塵效果顯著，此外其設計成易切割帶狀，方便適用。 Adhesive Roller is technically used for removing dust at semi-conductor factory and it is effectual to remove dust in carpet and cloth which are not easy to clean. Moreover, it is designed in the shape of easily cut tape convenient to use.

產品構造 Composition/Construction



特色及應用 Features and Applications

- 產品尺寸適用於不同場所; Sizes convenient in various locations.
- 適用於半導體及電子生產行業。 Semi-conductor and electronic manufacturing.

基本原料及組成 Base Material and Data

BASE MATERIAL / 基本原料	DATA / 成份
膜 / Film	聚丙烯 / Polypropylene
黏合劑 / Adhesive	聚丙烯酸酯 / Polyacrylate
硬化劑 / Hardener	異氰酸鹽 (或脂) / Isocyanate
分解溶劑 / Re-solvent	乙酸乙酯 / Ethylacetate

一般物理性質 Physical/general Properties

特性 / PROPERTY	機用黏塵滾筒 / ADHESIVE ROLLER
膜 Film	原材料/ Material
	顏色 / Color
寬度/ Width (mm)	聚丙烯 / PP
長度/ Length (m)	乳白色 / Milk white
厚度/ Thickness (μm)	依據客戶需求 【All sizes available upon customer's request.】
內徑/ Inner diameter of core (mm)	依據客戶需求 【All sizes available upon customer's request.】
裂度延伸系數/ Rupture Elongation factor (%)	70-100 (Tolerance;±5μm)
張力/ Tensile strength (Kg/cm ²)	76.2±0.5 (Tolerance:±0.5mm)
黏貼強度/ Adhesive force (g/25mm)	300 以上/ 300 over
特色/ Features	500 以上/ 500 over
	100-1200
	易折疊, 無污染, 無針孔, 寬度及厚度協調粘貼度強, 經久耐用。 Dead-fold characteristics , non-polluting , without pinhole , uniformly thickness and width , adequate adhesiveness along its full length , and high durability.

清潔機用黏塵滾筒 ADHESIVE ROLLER

▣ 質量檢驗 Inspection

項目 / ITEM	內容 / CONTENTS
顏色 / Color	乳白色 / Milk white
特色 / Features	產品表面無損害，無雜質，無氣泡，無味，不脫膠，無接合，形態自由，兩邊平坦 No damages, no foreign materials on clear surface, no bubble on surface, no smell, no adhesive peeled off, no splice, wounded uniformly, free form marked deformation, and is both edges shall be flat.
變化 / Changes	彎曲或凹進時無變化，切割時消耗不超過 2mm No change by bend part or dent part, no ware over 2mm no cutting part.
掉膠 / Adhesive transfer	拆開時膠帶不掉膠 No adhesive transfer to surface of tape on wrapping-out.
黏貼劑脫離 Adhesive Seccession	切割時無膠黏劑脫落 No adhesive transfer to the edges by cutting.
拆封 / Tear-apart	包裝時無損壞 No damage packing.
起泡 / Bubble	包裝上無泡沫 No bubble on wrapping-out.
接合點 / Juncture	包裝無結合點 No juncture on wrapping-out.

▣ 預防處理 Hand Ling Precaution

- 室溫貯存； Stock the products at room temperature.
- 防止直射光； Stock the products avoiding a direct ray of light.
- 將產品放置在通風良好場所保存。 Stock the products at a well ventilated room.

▣ 包裝 Packing

- 使用無彎曲 ABS 材質軸心； Use the ABS core which is not curved.
- 包裝盒上印上產品尺寸、數量、保存無汙點及損害。 Packing box is printed with items of size and quantity, and it s kept from stain oronly damages.



手動剝離式黏塵滾筒 STICKY ROLLER

產品概要 Outline

黏塵滾筒用於半導體工廠專門清除灰塵，除塵效果顯著，此外其設計成易切割帶狀，方便適用。

Sticky Roller is technically used for removing dust at semi-conductor factory and it is effectual to remove dust. Moreover, it is designed in the shape of easily cut tape convenient to use.

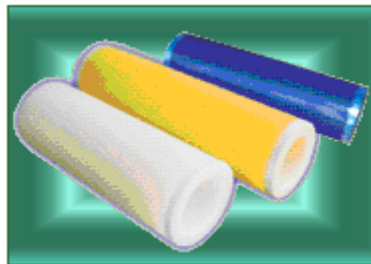
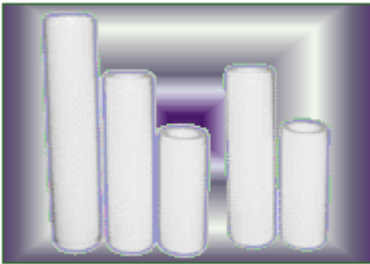
產品構造 Composition/Construction

聚丙烯酸酯膠黏劑 Acrylic solvent based adhesive
聚乙烯背面 LDPE backing



特色及應用 Features and Applications

- 產品尺寸適用於不同場所； Sizes convenient for placement in various locations.
- 適用於半導體電子生產行業及其它淨化無塵車間； Semi-conductor and electronic manufacturing and other purity shops.
- 清除布料及毛毯、地板、工作臺、產品表面灰塵。 Removing dust in carpet and cloth, the floor, desk, product s surface.



一般物理性質 Physical/general Properties

特性 PROPERTY		手動黏塵滾筒 STICKY ROLLER
膜 Film	原材料 Material	低密度聚乙烯 LDPE
	顏色 Color	藍色、透明、白色 Blue,transparence,white
厚度(μm) Thickness (μm)		30-60 (Tolerance;±5μm)
寬度(mm) Width(mm)		根據客戶需求 All sizes available upon customer's request.
長度(m) Length (m)		根據客戶需求 All sizes available upon customer's request.
內徑(mm) Inner diameter of core(mm)		38±0.5mm (Tolerance:±0.5mmμm)
裂度延伸系數(%) Rupture Elongation factor(%)		250 以上 250 over
張力(Kg/cm ²) Tensile strength(Kg/cm2)		170 以上 170 over
粘貼強度(g/25mm) Adhesive force (g/25mm)		100-1200(Tolerance:±50)
特色 Features		易折疊，無污染，無針孔，寬度及厚度協調粘貼度強，經久耐用。 Dead-fold characteristics, non-polluting, pinhole for pelling off, uniformly thickness and width, adequate adhesiveness along its full length, and high durability.

明微科技有限公司

MING WEI TECHNOLOGY CO., LTD.

黏塵墊 STICKY CLEAN MAT

產品概要 Outline

在人們進入清潔無塵場所時，黏塵墊可以很好的黏去鞋上的灰塵或污染物。 Sticky Clean Mat is effectual to remove the dust & contamination of the shoes before entering the clean working place.

產品構造 Composition/Construction

水溶性聚丙烯酸酯膠黏劑 Water-solubility acrylic solvent based adhesive

聚乙烯背面 LDPE backing



特色 Features

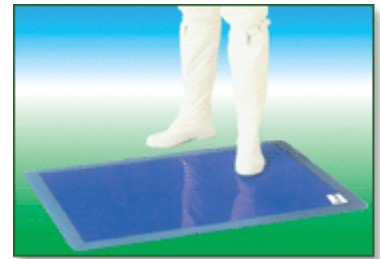
每層都塗上了一種獨特的高黏或低黏度的膠黏劑； Each layer is coated with a unique adhesive of high-tack or low-tack.

產品尺寸適用於不同場所； Sizes convenient for place in various locations.

數字標籤便於片與片之間的分離 Digital label makes every layer of film easy to be identified. ◦

應用 Applications

- 半導體行業； Semiconductor electronic manufacturing.
- 醫院和手術室； Hospital and operation room.
- 制藥和生物工程業； Pharmaceutical and biological manufacturing.
- 醫療設備業； Medical device manufacturing.
- 照相器材業。 Photographic equipment manufacturing.



一般物理性質 Physical / general Properties

特性 PROPERTY		黏塵墊 STICKY CLEAN MAT
膜 Film	原材料 Material	聚乙烯膜 LDPE
	顏色 Color	藍色，白色等 Blue,white
厚度(μm) Thickness (μm)		55(Tolerance;±5μm)
層數 Layers		30、40、50 和 60 層 30 sheets,40 sheets, 50sheets and 60sheets;
寬度(mm) Width(mm)		根據客戶需求 Any size available
長度(m) Length (m)		根據客戶需求 Any size available
裂度延伸系數(%)Rupture Elongation factor(%)		250 以上 250 over
張力(Kg/cm ²)Tensile strength(Kg/cm ²)		170 以上 170 over
黏貼強度(g/25mm)Adhesive force (g/25mm)		300-1000 中、高、低 300-1000(Tolerance:±50) -Middle,High and low available
底層黏貼強度(g/25mm)Adhesive of bottom (g/25mm)		500-1000 中、高、低 500-1000(Tolerance:±50) -Middle,High and low available
包裝 Packing / carton box		每盒 8 或 10 張裝 8 mats or 10 mats per one carton box
特色 Features		易折疊，無污染，無針孔，寬度及厚度協調粘貼度強，經久耐用。 Dead-fold characteristics, non-polluting, without pinhole, uniformly thic kness and width, adequate adhesiveness along its full length, and high durability.

矽膠手動除塵輪 SILICON ROLLER

▣ 產品概要 Outline

矽膠手動除塵輪是由矽膠與關鍵性原料反應成型，具有自黏性的除塵產品。表面光滑如鏡，顆粒度低於 2 μ m。產品可有效黏附毛髮、皮屑、塵埃等雜質，並能輕易將雜質轉印至黏塵紙墊上，從而可保證矽膠的自黏性長期有效。

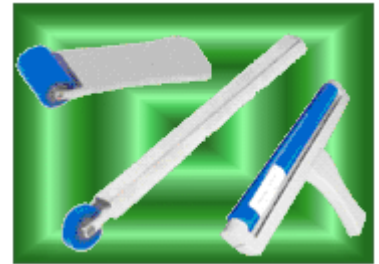
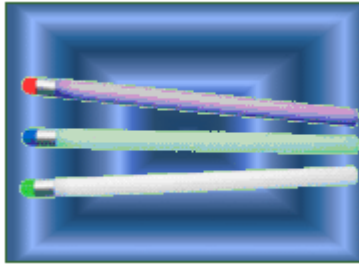
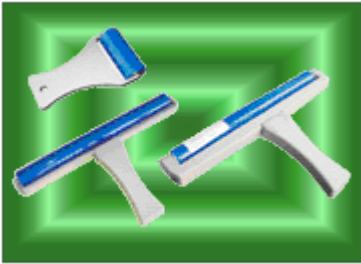
Silicon Roller is made up by silicon and pivotal materials. It is a self-adhesive removing product. Its surface is smooth like mirror, with particulate size is below 2 μ m. It is effectual on adhering to hair, scurf, atomy or other impurities, and easy to transfer impurities to the sticky paper, so that to ensure silicon's self-adhesive use for a long period.

▣ 產品結構及型號（尺寸） Construction and Size

✦ ABS 工程塑料手柄，特有的彈性輥輪，獨有的輥軸系統；ABS plastic handle, propetary elastic roller, unique bearing system.

✦ 高、中、低黏度；Middle, high, low adhesive force.

✦ 從 1.2 到 12 英寸，以及筆型。1.2 to 12 inch, and pen style.



▣ 特色及應用 Features and Applications

✦ 配方保證了產品高黏耐用，不易老化，不掉屑；It ensures products adhesiveness and high-durability, also is not easy to degenerate and no losing scraps.

✦ 使用時手感舒適，輥輪旋轉自如；Using comfortably in the hand roller rotating freely.

✦ 能除去微小污染物，配合黏塵紙墊循環使用；Removing particulate contamination coupled with using sticky paper circularly.

✦ 高抗靜電性；High anti-static ability.

✦ 廣泛使用於線路板、顯示面板、印刷行業。Applied to PCB, LCD, printing widely.

備註：

※ 本公司另外有高黏性、抗靜電性 PU 材質黏塵輪可共客戶參考選擇。

※ 黏塵輪可另外選購搭配 PU 或矽膠材質黏塵墊配合使用，

標準尺寸為：320mmW X 320mmL X 5mmT 及 160mmW X 160mmL X 5mmT 兩種，另外可依客戶需要調整尺寸。

黏塵紙墊 STICKY PAPER

田 產品概要 Outline

黏塵紙本可單獨去塵，也能清除手動矽膠輪上塵埃，保證矽膠輪循環使用，紙本表面膠水聚合分子高密度，能吸入細小顆粒。

It can remove dust separately and the atomy of silicon roller, and ensure using silicon roller circulatly.
High-density of its surface glue helps suck tiny granules.

田 特點 Features

表面強力磨擦不脫膠，膠水密度分佈均勻，膠水環保無異味，材料可用紙或 PE/PP 膜。

Glue can t be peeled off , under heavy attrition, product is equally distributed and the glue is enviromenatal protection, and has no peculiar smell. It's mode up by paper or PE/PP.

田 成份 Composition

✚ 120g 底紋紙+100g 面紙 + 強力膠 120g botton paper +100g surface paper +powerful glue

✚ 0.05-0.07mm 聚乙烯 / 聚丙烯 + 強力膠 + 離型層 0.05-0.07mm PE/PP + powerful glue + releasing layer

田 尺寸和包裝 Size / Packing

✚ 尺寸 Size : 、 330mm x 240mm x 50 Sheet 層(paper 紙制) / 330mm x 240mm x 50 Sheet (paper)

、 330mm x 240mm x 100 sheet 層 (PE/PP) /330mm x 240mm x 100 sheet (PE/PP) :

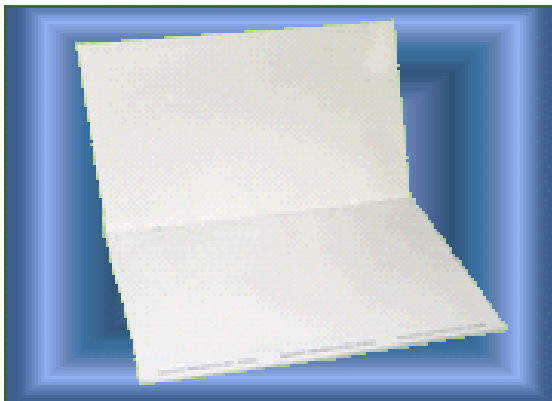
✚ 包裝 Packing : 、 50 sheet 層 x 5 bag 包 (paper 紙制) / 50 sheet x 5 bag (paper)

、 100 sheet 層 x 10 包 bag (PE/PP) / 100 sheet x 10 bag (PE/PP)

田 應用 Applications

半導體行業、PCB 業、LCD 業、玻璃業、食品業、鋼板加工業等。

Semi-conductor electronic manufacturing ,PCB, LCD, glass manufacturing, food manufacturing, and slab processing industry.

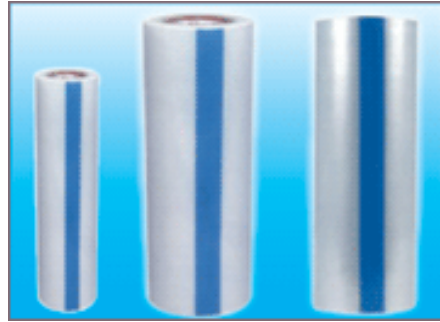
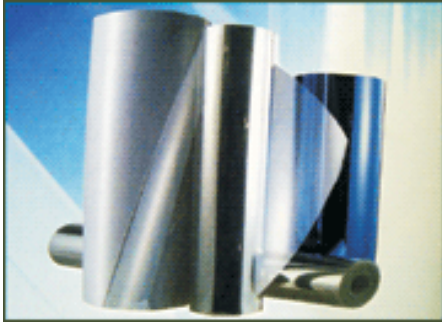


PE 保護膜 PE SURFACE PROTECTIVE FILM

田 產品概要 Outline

產品為對板材表面具有保護功能的膜狀環保型材料，對多種材料的表面貼附性極好。

The product of film shape is environmental protection material and is used to protect the surface of board. And it's also prone to be stucked to various materials.



田 特點及應用 Features and Applications

保護膜質地柔軟，其表面塗膠為優質環保水膠，在被保護物體表面，無殘留膠，絕不污染表面。膜材按用途分為：表面保護膜材，中空包裝模材，耐酸鹼模材，耐高溫膜材，防靜電膜材，電子電路板、顯示器專用膜材。

Protection film is soft and coated with quality water glue, is also doesn't pollute the surface of objects to which it is applied nor it leaves remains.

According to the use of films, they are sorted to several kinds as followings: surface protection film, packing with hollow middle-layer film, chemical protection film, high-temperature durable film, anti-static film, and film appropriate, and LCD.

田 成份 Physical / general Properties

特性 / PROPERTY		PE 聚乙烯 / PE
膜 / Film	原材料 / Material	低密度聚乙烯 / LDPE
	顏色 / Color	藍色、透明、白色 / Blue, transparency, white
寬度(mm) / Width(mm)		根據客戶需求 Any widths available upon customer's request.
長度(m) / Length (M)		根據客戶需求 Any widths available upon customer's request.
厚度(μm) / Thickness (μm)		30-160 (Tolerance;±5μm)
裂度延伸系數(%) / Rupture Elongation factor(%)		250 以上 / 250 over
張力(Kg/cm ²) / Tensile strength(Kg/cm ²)		170 以上 / 170 over
黏貼強度(g/25mm) / Adhesive force (g/25mm)		20-1200 中、高、低 / 20-1200 Middle, high and low available

PET 離型膜 PET RELEASING FILM

田 產品概要 Outline

PET 離型膜以聚對苯二甲酸乙二醇酯 (PET) 為基材，產品表面塗上 0.2um-0.6um 離型物質。薄膜表面平整光潔、塗布均勻，無折皺、撕裂、顆粒、氣泡、針孔等缺陷。該產品具有物理機械性能優良、厚度公差小、透明度高、熱收縮率低、柔軟性較好等優點。

PET releasing film applies PET as major materials and the surface is coated with releasing materials of 0.2um-0.6um. Since the surface of the film is smoothly and evenly painted, it successfully avoids many drawbacks such as crinkles, avulsions, granules, bubbles, pinholes, etc. Moreover, it displays many advantages such as excellent physical properties, minor thickness tolerance, high transparency, low heat contractility rate, and fine plasticity.

田 特點及應用 Features and Applications

通常用於印製線路板的層壓工藝中。It is applied in extruding technology while making PCB.

田 包裝和儲存 Packing and storage

產品包裝規格多種，也可分切成帶、盤供應。儲存於 45°C 以下的乾燥潔淨的庫房中，不應靠近火源、熱源或受日光直射。自出廠之日起儲存期為 18 個月。

We supply different packing specifications and different forms (cut out in the form of belt and trays). And the products should be stored in dry and clean storerooms under 45 and kept away from fire, heat power and direct sunlight shooting. The storage period is 18 months since the date of leaving factory.



田 一般物理性質 Physical / general Properties

特性/ PROPERTY		離型膜 / RELEASING FILM
膜 / Film	原材料/ Material	對苯二甲酸乙二醇酯/ PET
	顏色/ Color	透明 / Transparence
厚度(μm) / Thickness (μm)		12-350
寬度(mm) / Width(mm)		20-350
長度(m) / Length (M)		0-3000
拉伸強度(Mpa) / Stretching Power(Mpa)		185
裂度延伸系數(%) / Rupture Elongation factor(%)		95%
收縮率(%) / Contracting Rate (%)		0.6%
耐溫度() / Resisting Temperature()		100-300
表面塗布量(g/m ²) / Coating Quantity of Surface (g/m2)		2.4
剝離力(g/in) / Peeling Power (g/in)		16

明微科技有限公司

MING WEI TECHNOLOGY CO., LTD.

抗靜電、耐高溫膠帶 ANTISTATIC AND HIGH TEMPERATURE RESISTING TAPE

田 產品概要 Outline

膠帶由經抗靜電處理的聚亞胺薄膜單面塗矽膠製成。

Tape is made by polyimide film with antistatic treatment, and coated single side with silicone adhesive.

田 特點 Features

✚ 高溫不變形，延緩火焰，抗化學反應； It is dimensionally stable at high temperatures. Flame retardant and chemical resistant.

✚ 很好的抗熱、寒、酸、電擊性能； It has excellent heat, cold, acid and voltage resistance.

✚ 膠帶剝離或拉扯時靜電作用極小。 It is designed to minimize static effect during stripping and peeling.

田 應用 Applications

在焊接或澆焊料時，掩蓋住線路板；對線路板的某個區域進行保護。

Mask for PCB during welding or dipping welding materials. Protect specific areas of a PCB.



田 一般物理性質 Physical / general Properties

分類 CLASSIFICATION	數值 TYPICAL VALUES	範圍 TOLERANCE
薄膜厚度(μm) / Backing thickness (um)	25	23-29
塗膠厚度(μm) / Adhesive thickness (um)	40	37-45
膠帶總厚(μm) / Total tape thickness (um)	65	60-71
顏色 / Color	琥珀 Amber	
膠黏力(gf/in) / Adhesive strength (gf/in)	650	550-660
張力(kgf/cm) / Tensile strength (kgf/cm)	5	4.2 以上 / 4.2 over
裂度延伸系數(%) / Rupture elongation factor (%)	63	45-80
絕緣性(kv) / Insulation property (kv)	6	5 以上 / 5 over
表面抗阻(Ω) / Surface resistance (Ω)	10 ⁵	10 ⁸ under
耐高溫() / Heat resistance ()	220	260 under
滾筒靜電荷(volts) / Static charge of Roll (volts)	20	50 / 50under
帶表靜電荷(volts) / Static charge of SUS (volts)	30	50 / 50under

明微科技有限公司

MING WEI TECHNOLOGY CO., LTD.

抗靜電菲林清潔劑 ANTISTATIC FILM CLEANER

田 產品概要 Outline

是一種氣味舒適，不含乙烷的菲林清潔劑，可用於除去各種菲林表面油脂及其它固印漬，包括重氮片。本專用菲林清潔劑含有一種強而有力的抗靜電成份，可除去非導電介面上之靜電及有效的除掉表面膠漬，且本清潔劑不會影響水溶性標記。

It is a film cleaner with comfortable smell and without ethane. It is used to remove the surface grease existed in various films and other inflexible stain, including heavy azote flake. Thanks to its powerful antistatic component, it can remove the static in non-electric surface and glue stains effectively. And it has no effect on water-solubility marks.

田 規範說明 Standard Directions

- 密度 0.69 gm/ml.5.8lb/gal Density 0.69 gm/ml, 5.8 lb/gal
- 引火點 (TCC) 22F Kindling point 22F
- 壽命無限制 Unlimited using life

田 特色及應用 Features and Applications

- 按說明書使用時，不會損害重氮片感光藥膜：

If you follow our product directions to use cleaner, you won't damage sensitive physic film of heavy azote flake.



- 少量的菲林清潔劑可有效清潔大片菲林： A small amount of cleaner can effectively clean large film.
- 不含乙烷 Without ethane.

田 警告 Warning

本品具有可燃性，不要接近熱源、明火及在密封空間使用。不要用來清潔曝光單元及電源設備。應在良好的通風環境中使用。雖然此菲林清潔劑具有抗靜作用，但遇到強烈的擦拭也會產生火花及燃燒。要獲得更多資訊請查閱物料安全參數表。

It is combustible and it should be kept away from heat power and fire, be used in airproof space, not be sprayed and not be applied to clean exposure units and power source equipments. It should be used in ventilated environment. Although it has anti-static ability, it will produce sparkle and even burn if strongly wiped. Please turn to the security parameter form for more information.

田 注意及處理 Attentions or Disposal

- 本專用菲林清潔劑是無氣味的；The appropriate film cleaner has no smell.
- 燃燒或垃圾掩埋法處理，也適用於廢水處理法，也可當作碳氫化合物溶液處理。It could be burned and buried

by trash. And it could be disposed in the manner of handling waste water or melt as carbon and hydrogen compound.

無塵擦拭紙 & 布 CLEANROOM WIPER

⊕ 說明 Explanation

- 型號 Type : WIP-609
- 尺寸 Size : 9×9in
- 包裝 Packing : 10Bags.150Pcs/Bag
- 成份 Material composition : 木漿 55% (Cellulose 55%) ; 聚脂 45% (Polyester 45%)
- 克重 Basic Weight : 68g/m²



無塵擦拭布 / Cleanroom Wiper

⊕ 特色 Features

重力磨擦不露絲，不掉屑，組織均勻，不易撕斷。It can't be peeled off under heavy attrition , neither lose scraps, Its composition is well-distributed and it is not easy to tear off .



無塵擦拭紙捲 / Roller Wiper

⊕ 應用 Applications

半導體行業，PCB 業，LCD 業，玻璃業，食品業，鋼板業等。Semi-conductor industry , PCB , LCD,glass manufacture industry , food industry and slab processing industry.



淨化擦拭布 / Roller Wiper

濕度指示卡 HUMIDITY INDICATOR CARDS

田 產品概要 Outline :

產品概要:較高的相對濕度會引起敏感設備、庫存物料與產品的嚴重甚至不可挽回的損害。為保證脫水工作之測量，濕度指示卡可以測試密封包裝裏的相對濕度，從濕度指示卡的顏色變化可以知道包裝容器是否失效，或濕度已高達損害物品的程度。

濕度指示卡與濕度敏感點印在一起，通過肉眼觀測其顏色，從藍色（乾）到淡紫色到粉紅色（濕）的變化而測出不同的濕度水準。

High relative humidity possibly causes serious and even irrecoverable damages to sensitive equipments, materials in stock , and products. To ensure measurement of dehydration, Humidity indicator card has the function of testing relative humidity in airproof package by color changes, which indicate if packing container works well or humidity is too high to cause damage.

Since humidity indicator card and humidity sensitive point are printed together, we can observe colors in naked eyes .The colors changing from blue to light purple indicate different humidity.

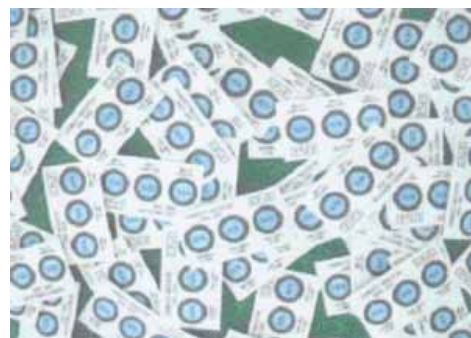
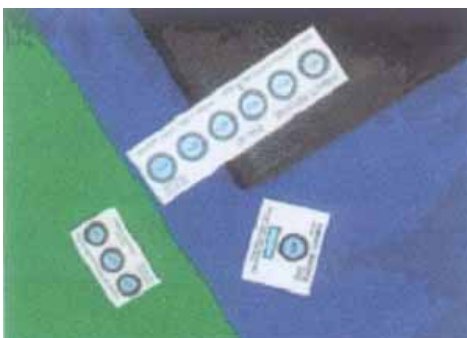
田 產品規格 Product Specification:

針對不同的用途,有 3 點、4 點與 6 點式濕度指卡，最高濕度指示可達 60%RH。

We have humidity indicator cards with 3 points ,4 points or 6 points to meet different uses, all with a highest humidity of 60% RH.

田 適用範圍 Application industry :

電子/半導體 Electronic/semi-conductor	PCB	散包裝 Packing in bulk
光纖儀器 Optic fiber instrument	合成材料 Synthetical materials	儲存包裝設備 Stocking & packing equipment
五金 Metals	器官材料 Organic materials	軍用零件 Spare parts applied in army



其他營業項目

【本公司另外有其他營業項目,可供客戶選擇參考】

1. 各式橡膠輪依客戶需求設計加工製造。
2. 電子及半導體業不銹鋼製程設備零組件設計加工。
3. 消防工安設備用具經銷批發。
4. 電子電熱材料代理經銷。
5. 五金批發買賣。
6. 無塵室用品耗材進口代理批發。



明微科技有限公司

MING WEI TECHNOLOGY CO., LTD.

產品詢價

公司名稱：

統一編號：

聯絡人：

公司地址：

聯絡電話：

傳真：

E-MAIL：

網址：

詢價產品：

產品名稱	需求規格尺寸	數量	單價	合計
1. <input type="checkbox"/> 清潔機用黏塵滾輪				
2. <input type="checkbox"/> 手動剝離式黏塵滾筒				
3. <input type="checkbox"/> 黏塵墊				
4. <input type="checkbox"/> 矽膠手動除塵輪				
5. <input type="checkbox"/> 黏塵紙墊				
6. <input type="checkbox"/> PE 保護膜				
7. <input type="checkbox"/> PET 離型膜				
8. <input type="checkbox"/> 抗靜電、耐高溫膠帶				
9. <input type="checkbox"/> 抗靜電菲林清潔劑				
10. <input type="checkbox"/> 無塵擦拭紙&布				
11. <input type="checkbox"/> 濕度指示卡				
12. <input type="checkbox"/> 其他營業項目				

總計：

● 報價有效日期：

● 交 期 ：

● 運 送 方 式 ：

● 付 款 方 式 ：

● 交 貨 地 點 ：