

設備儀器 Equipment



▲氣相層析儀 (GC-Mass)



▲示差掃描熱分析儀 (DSC)



▲傅立葉轉換紅外線光譜儀 (FTIR)



▲熱機械分析儀 (TMA)



▲流變儀 (Rheometer)



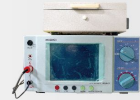
▲熱重量分析儀 (TGA)



▲黏度計 (Viscometer)



▲介電分析儀 (DEA)



▲超阻抗絕緣計 (Super Megohmmeter)



▲冷熱衝擊試驗機 (Thermal Shock Test Chamber)



▲萬能拉力機—30公噸級 (30 Ton Universal Testing Machine)



▲QUV耐候試驗機 (QUV Accelerated Weathering Tester)

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永寬化學公司簡介

永寬化學於2000年正式營運，產品主要是環氧樹脂(單液型及雙液型)、光固化接著劑、改性矽膠、UV型感壓膠、壓克力接著劑。

Everwide Chemical Company Introduction

Everwide Chemical Company began operations in 2000. The major products are epoxy resin (one-component & two-component), photo-curing adhesives, modified silicone, UV pressure sensitive adhesives, and structural acrylic adhesives.

品質驗證 · 環境驗證  
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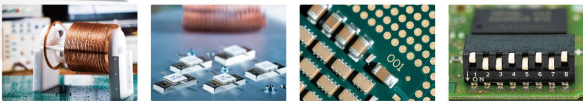


## 環氧樹脂 Epoxy resin

環氧樹脂對於許多基材皆有良好的接著特性，包括：鋼材、金屬、塑料等，因此被廣泛地應用於許多產業。對於特殊的電子零組件應用，例如：補強、密封、灌注、批覆等，永寬也能提供優質的客製化服務。

Epoxy adhesives are widely used in many industries, and they can adhere to various materials such as steel, metal, plastic, etc. Everwide provides services for customers who may need special requirements in electronic component applications. Such as reinforcement, sealant, potting, coating, etc.

### 黏接 Bonding



### 披覆 Coating



### 封裝 Encapsulation



### 灌注 Potting



### 密封 Sealant



## 光硬化接著劑 Photo-curing adhesive (UV adhesive)

光硬化樹脂為單液型接著劑，它無需加熱，在紫外光線照射下即可固化。光硬化接著劑，擁有極高乾秒鐘，即可快速固化的特性，且適用於多種基材，例如：玻璃、塑料、金屬、木材等。

Photo-curing adhesive is a one-component adhesive. It can be cured with ultraviolet radiation without heating. It is suitable for many substrates such as glass, plastic, metal, wood, and other industrial applications. It takes only a few seconds to cure.

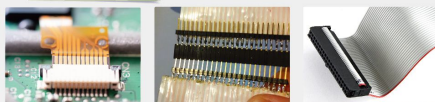
### 黏接 Bonding



### 披覆 Coating



### 補強 Reinforcement



## 改性矽膠 Modified silicone

化學主體結構是MS樹脂 (STPU)，適合無機材料 (金屬、玻璃、陶瓷等)，與有機材料 (泛塑膠類) 的應用。此系列產品對於塑膠基材有傑出的接著表現，可以補足一般矽膠在塑膠接著上的弱點。此產品的硬化方式，是放置於室溫，運用濕氣反應來達到固化，表乾時間約3-10分鐘，是性價比相當高的膠材。

The main chemical structure is MS resin (STPU), which is suitable for inorganic materials (metal, glass, ceramic, etc.) and organic material (a type of plastic) applications. This product exhibit outstanding bonding performance for plastic substrates. It can bring up the weakness of normal silicone on the plastic bonding. The surface drying time is about 3 to 10 minutes at room temperature, which is a very cost-effective and high-performance adhesive.

### 黏接 Bonding



### 密封 Sealant



### 防水 Waterproof



## UV 型感壓膠 (UV PSA) Ultraviolet Pressure Sensitive Adhesive (UV PSA)

UV型感壓膠 (UV PSA) 具有高透明和高初黏的穩定性。本產品應用於膠帶上，且以各種厚度應用於不同領域。經過紫外線照射固化後，它具有高透明度、高柔韌性及高初黏性。該產品具有多項特點：良好的附着力、對環境友善、優佳的黏性，並且在70°C高溫下仍保有良好的強度，用以取代傳統的溶劑型感壓膠。

Ultraviolet Pressure Sensitive Adhesive (UV PSA) exhibits high transparency and high-tacky stability. It applies to the adhesive tapes, and it is used for various fields by various thicknesses. After UV curing, it has a high transparency, high flexibility, and high tacky. This product has good adhesion, environmentally-friendly, and excellent strength at 70°C high temperature to replace the traditional solvent-based PSA.



## 壓克力接著劑 Structural Acrylic adhesive

本產品是室溫下固化的雙液型丙烯酸接著劑，特別對於低表面能的材料，例如：聚酰胺 (PA)，聚丙烯 (PP)，聚乙稀 (PE) 和熱塑性聚烯烴 (TPO)，不需要特殊的表面處理，僅需一兩天的時間就可達到優異的接著強度表現。該產品具有優越的熱穩定性，耐化學性，耐水性及低氣味。

The two-component acrylic-based adhesive is curing at room temperature. It can bond with the different substrates, especially low surface energy materials such as polyamide (PA), polypropylene (PP), polyethylene (PE), and thermoplastic polyolefin (TPO). No special surface treatment is required. It only takes about 1-2 days to complete the excellent bonding strength. This adhesive has excellent thermal stability, chemical resistance, water resistance, and low-odor.

