

北回化學股份有限公司推出的MXBON醫療器材接著劑代表著安全與效能的頂尖水平，通過ISO 10993生物相容性標準測試，確保了無論是手術工具、診斷設備還是其他醫療器材的生產過程中的高度生物相容性與安全性。這些專為醫療設備設計的接著劑系列，不僅符合標準要求，還針對醫療器材的高穩定性、耐腐蝕性和長期持久性等專門需求而設計，為醫療器械生產帶來無與倫比的可靠性。

Cartell Chemical Co., Ltd. proudly presents the MXBON series of medical device adhesives, epitomizing the pinnacle of safety and efficacy with stringent ISO 10993-5 standard tested, ensuring high biocompatibility and safety across various medical environments. These adhesives, specifically engineered for medical equipment, not only meet standard requirements but are also tailored to cater to specific needs such as high stability, corrosion resistance, and long-term durability, bringing unparalleled reliability to the production of medical devices, whether for surgical tools, diagnostic equipment, or any other precision medical apparatus.

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mxbon®



醫療器材接著劑

MEDICAL DEVICE ADHESIVES



瞬間膠 *Cyanoacrylate Adhesives*

21401M 低黏度 耐121°C高溫 不活化表面
Low viscosity, resistant to 121°C heat, surface insensitive

透明無色、快速固化
適用於大部分的材料接著
特別是黏著不活化表面與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing.
Suitable for adhesion of most materials.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.

21406M 滲透型 耐121°C高溫 不活化表面
Ultra-low viscosity, resistant to 121°C heat, surface insensitive

透明無色、快速固化
適用於組裝後施膠黏接毛細滲透接著
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing.
Suitable for post-assembly application of adhesive for capillary infiltration adhesion.
Tested to ISO 10993 biological standards.

21416M 中黏度 一般用途 填縫能力
Medium viscosity, general purpose, seam-filling capabilities

可用於0.2mm的間隙黏接
適用於接著粗糙或不規則表面
特別適用於塑料與橡膠間彼此的接著
通過ISO 10993 生物相容性標準測試

Can be used for gap bonding of 0.2mm.
Suitable for bonding rough or irregular surfaces.
Especially suitable for adhesion between plastic and rubber.
Tested to ISO 10993 biological standards.

21435M 低黏度 耐107°C高溫 富彈性 耐衝擊
Low viscosity, resistant to 107°C heat, elastic, impact resistant

優良的抗衝擊強度、抗剝離強度、高剪切強度
特別適用於金屬、橡膠、塑膠間彼此的接著
特別是接著不活化表面的材料與多孔性材料
通過ISO 10993 生物相容性標準測試

Excellent impact strength, peel strength, and high shear strength.
Especially suitable for adhesion between metal, rubber, and plastic.
Particularly effective for bonding insensitive surface materials and porous materials.
Tested to ISO 10993 biological standards.

21454M 凝膠狀 耐121°C高溫 不活化表面
Gel-like, resistant to 121°C heat, surface insensitive

透明無色、快速固化
適用垂直面的接著及填補大間隙
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing.
Suitable for vertical surface adhesion and filling of large gaps.
Tested to ISO 10993 biological standards.

21498M 中黏度 耐熱循環
Medium viscosity, heat cycle resistant

間歇耐溫及耐熱循環可達100°C
優良的抗濕性與抗老化強度
通過ISO 10993 生物相容性標準測試

Intermittent temperature resistance and heat cycle resistance up to 100°C.
Excellent moisture resistance and aging resistance.
Tested to ISO 10993 biological standards.

21520M 低黏度 極快速固化 耐121°C高溫
Low viscosity, ultra-fast cure, heat resistant up to 121°C

透明無色，極快速固化，可提升醫療器材組裝效率
低黏度配方，具優異滲透能力，適用於緊密貼合及毛細縫隙接著
對金屬（尤其不鏽鋼）、塑膠及橡膠具有優異接著力
通過ISO 10993 生物相容性標準測試

Transparent and ultra-fast curing for improved medical device assembly efficiency.
Low-viscosity formulation with excellent wicking ability for tight-fitting parts and capillary gaps.
Excellent bonding strength on metals (especially stainless steel), plastics and elastomers.
Tested to ISO 10993 biological standards.



22401M 低黏度 耐100°C高溫 不活化表面
Low viscosity, resistant to 100°C high temperature, surface insensitive

透明無色、快速固化、低氣味、低白化
適用於大部分的材料接著
特別是接著不活化表面與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, low odor, low blooming.
Suitable for adhesion of most materials.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.

22403M 中黏度 耐100°C高溫 不活化表面
Medium viscosity, resistant to 100°C high temperature, surface insensitive

透明無色、快速固化、高強度、低氣味、低白化
適用於金屬與塑膠、橡膠彼此的接著
特別是接著不活化表面與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength, low odor, low blooming.
Suitable for the adhesion between metal, plastic, and rubber.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.

22408M 低白化 低氣味 難接著材料專用
Low blooming, low odor, for difficult-to-bond materials

透明無色，低白化、低氣味配方，適用於外觀要求高的醫療器材組裝
超低黏度設計，適合緊密配合零件及毛細間隙接著
對塑膠、彈性體及難接著材料具有優異接著性能
通過ISO 10993 生物相容性標準測試

Transparent formulation with low blooming and low odor for appearance-sensitive medical device assembly.
Ultra-low viscosity provides excellent wicking into close-fitting parts and capillary gaps.
Excellent bonding performance on plastics, elastomers, and difficult-to-bond substrates.
Tested to ISO 10993 biological standards.

22460M 耐100°C高溫 滲透型
Resistant to 100°C high temperature, penetration type

透明無色、快速固化、高強度
適用於組裝後施膠黏接毛細滲透接著
適用於多孔隙、吸收性能及低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength.
Suitable for post-assembly application of adhesive for capillary infiltration adhesion.
Suitable for porous, absorbent, and low surface energy materials
Tested to ISO 10993 biological standards.

224902M 低黏度 耐100°C高溫 超柔韌型
Low viscosity, resistant to 100°C high temperature, ultra-flexible

透明無色、硬度55D
高密封性、快速固化
適合接著具高柔韌性醫療裝置
通過ISO 10993 生物相容性標準測試

Transparent and colorless, shore D 55.
High sealant properties, rapid curing.
Suitable for bonding high-flexibility medical devices.
Tested to ISO 10993 biological standards.

22507M 中低黏度 高強度 耐100°C高溫 低氣味 低白化
Medium to low viscosity, high strength, resistant to 100°C high temperature, low odor, low blooming

透明無色，密封性佳
具柔韌性可緩衝基材形變應力
特別適用TPE熱塑性彈性軟管與硬質塑料固定
不活化與低表面能材質可達中強度接著
通過ISO 10993 生物相容性標準測試

Transparent and colorless, with good sealing properties.
Flexible, able to buffer stress deformation of substrates.
Particularly suitable for bonding TPE thermoplastic elastomer hoses to rigid plastics.
Medium-strength bonding achievable with inactive and low surface energy materials.
Tested to ISO 10993 biological standards.

瞬間膠 **Cyanoacrylate Adhesives**

22455M 凝膠狀 耐100°C高溫 填縫能力佳 不活化表面

Gel-like, resistant to 100°C high temperature, excellent gap filling ability, surface insensitive

透明無色，高強度
適用垂直面的接著及填補大間隙
可用於0.25mm的間隙接著填補
特別是接著不活化表面與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent and colorless, rapid curing, high strength.
Suitable for vertical applications and filling large gaps.
Capable of gap-filling and bonding up to 0.25mm.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.



光固化瞬間膠 **UV Cure Cyanoacrylate Adhesive**

21441M 低黏度 光固化瞬間膠 高透明度
Low viscosity, light-curing cyanoacrylate adhesive, high transparency

透明淡黃色，立即固化表面不沾黏
光固化與濕氣固化，雙重固化機制
高透明度，適合透明塑膠及玻璃接著
極低黏度，適用於組裝後毛細滲透填補及精密醫療零件接著
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures, non-sticky surface.
Double curing mechanism of light curing and moisture curing.
High optical clarity for bonding transparent plastics and glass.
Ultra-low viscosity for capillary penetration and post-assembly bonding of precision medical components
Tested to ISO 10993 biological standards.

21443M 中低黏度 光固化瞬間膠
Medium to low viscosity, light-curing cyanoacrylate adhesive

透明淡黃色，立即固化表面不沾黏
光固化與濕氣固化，雙重固化機制
易施膠，適用於隙縫填補與接著
特別是接著不活化表面的材料與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures, non-sticky surface.
Double curing mechanism of light curing and moisture curing.
Easy to apply for crevice filling and bonding.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.

21446M 中黏度 光固化瞬間膠
Medium viscosity, light-curing cyanoacrylate adhesive

透明淡黃色，立即固化表面不沾黏
光固化與濕氣固化，雙重固化機制
易施膠，可用於0.15mm的較大間隙接著
特別是接著不活化表面的材料與低表面能材料
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures, non-sticky surface.
Double curing mechanism of light curing and moisture curing.
Applicable for bonding larger gaps of 0.15mm.
Especially for bonding to insensitive surfaces and low energy surfaces.
Tested to ISO 10993 biological standards.

22443M 中低黏度 光固化瞬間膠 低氣味 低白化
Medium to low viscosity, light-curing cyanoacrylate adhesive, low odor, low blooming

透明淡黃色，立即固化表面不沾黏
光固化與濕氣固化，雙重固化機制
易施膠，適用於隙縫填補與接著
通過ISO 10993 生物相容性標準測試

Transparent light yellow, instantly cures.
Double curing mechanism of light curing and moisture curing.
Suitable for post-assembly application of adhesive for capillary infiltration adhesion.
Tested to ISO 10993 biological standards.

紫外線UV膠 **Light Cure Adhesives**

41132M 中黏度 UV快速固化 PVC塑膠通用型
Medium viscosity, fast curing by UV, for PVC plastic general purpose

可柔軟黏接應力敏感材料
有搖變性，方便施膠後避免膠體溢流，中黏度可應用於一般間隙填補
特別適用於金屬與軟管或硬質之PVC塑料黏接，如一次性醫療器材，也可用於玻璃與陶瓷材料
通過ISO 10993 生物相容性標準測試

Provides flexible bonds when joining stress-sensitive plastics.
Thixotropic and mid-viscosity liquid, avoid overflow after applying and can be used for gaps filling.
Especially suitable for bonding metal to soft/hard PVC such as disposable medical equipment, and it can also be used on glass and ceramic materials.
Tested to ISO 10993 biological standards.

41131M 低黏度 UV快速固化 PVC塑膠通用型
Low viscosity, fast curing by UV, for PVC plastic general purpose

可柔軟黏接應力敏感材料
低黏度適合緊密公差的組裝黏接
特別適用於金屬與軟管或硬質之PVC塑料黏接，如一次性醫療器材，也可用於玻璃與陶瓷材料
通過ISO 10993 生物相容性標準測試

Provides flexible bonds when joining stress-sensitive plastics.
Low viscosity for the small tolerance components bonding.
Especially suitable for bonding metal to soft/hard PVC such as disposable medical equipment, and it can also be used on glass and ceramic materials.
Tested to ISO 10993 biological standards.

41431M 低黏度 UV固化 不鏽鋼&塑膠對應
Low viscosity, fast curing by UV, for stainless steel and plastic bonding

適合緊密公差的組裝黏接
對金屬、塑料、玻璃等多類基材，提供優異接著力
特別適用於不鏽鋼與塑料，且可滿足較小接著面積的黏接應用
通過ISO 10993 生物相容性標準測試

Ideal for precision assemblies with tight tolerances.
Provides excellent adhesion on a wide range of substrates including metal, plastic, and glass.
Specifically formulated for stainless steel and plastic bonding, especially effective for applications involving small bonding areas.
Tested to ISO 10993 biological standards.

表面處理劑 **Primer**

02770M 醫療級 瞬間膠專用表面處理劑/表面改質劑
Medical Grade Primer/Surface Modifier for Cyanoacrylate Adhesive

大幅增加對於困難接著材料的接著強度
適用於不活化表面的材料與低表面能材料
適用於多孔性材料、吸水性材料、酸性表面材料
通過ISO 10993 生物相容性標準測試

Significantly increases the adhesive strength of difficult-to-bond materials.
Suitable for insensitive surface materials and low surface energy materials.
Applicable to porous materials, water-absorbent materials, acidic surface materials.
Tested to ISO 10993 biological standards.



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