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Cartell Chemical Co., Ltd., established in 1994, is a world-class manufacturer of industrial adhesives, sealants, and specialty chemical products. Its flagship brand MXBON® delivers high-performance, cost-effective, and reliable solutions for design, manufacturing, assembly, and maintenance across the industrial sector. MXBON® products are widely used in a broad range of industries, including traditional manufacturing, electronics, electrical engineering, medical equipment, railway transportation, shipbuilding, sports equipment, hand tools, pneumatic tools, 3C electronic products, and the automotive industry.

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分公司/授權經銷商資訊  
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# Adhesives Expert

# mxbon®



螺絲固定劑  
THREAD LOCKERS



**11222 低強度 具觸變性***Low strength, thixotropic*

可用於M6或更小的螺絲固定與密封  
為易拆卸型的螺絲固定劑  
Lock and seal for M6 or smaller screws.  
Removable.

**11242 中強度 泛用型 具觸變性***Medium strength, general-purpose, thixotropic*

可用於M20以下螺絲的固定與密封  
適用於電鍍的不活性表面的材質  
為可拆卸型的螺絲固定劑  
Lock and seal for M20 or smaller screws.  
Good for electroplating surface.  
Removable.

**11243 中強度 容油性 具觸變性***Medium strength, oil tolerance, thixotropic*

可用於M20以下螺絲的固定與密封  
適用輕油脂髒污表面,不鏽鋼及電鍍等不活性表面材質  
為可拆卸型的螺絲固定劑  
Lock and seal for M20 or smaller screws.  
Suitable for lightly greased surfaces and  
passive substrates such as, stainless steel &  
electroplating surface.  
Removable.

**11248 中強度 蠕狀固體***Medium strength, wax consistency*

可用於M20以下螺絲的固定與密封  
蠟狀半固體方便攜帶使用,且適用於輕油脂髒污  
表面,不鏽鋼及電鍍等不活性表面材質  
為可拆卸型的螺絲固定劑  
Lock and seal for M20 or smaller screws.  
Semi solid stick form is incredibly convenient  
and portable, also suitable for lightly greased  
surfaces and passive substrates such as,  
stainless steel & electroplating surface.  
Removable.

**11262 高強度 高潤滑性 具觸變性***High strength, high lubricity, thixotropic*

可用於M20以下螺絲的永久性固定與密封  
在嚴苛的環境下,仍具有優良的防鏽及耐腐蝕特性  
Lock and seal for M20 or smaller screws for  
permanent.  
Excellent rust and corrosion resistance in  
harsh environments.

**11263 高強度 耐化學性 快速固化 容油性***High strength, chemical resistant, fast curing, oil tolerance*

可用於M25以下螺絲的固定與密封  
適用於輕微油脂髒污表面、不鏽鋼及電鍍  
等不活性表面的材質  
Lock and seal for M25 or smaller screws.  
Suitable for lightly greased surfaces and  
passive substrates such as, stainless steel  
& electroplating surface.

**11268 高強度 蠕狀固體***High strength, wax consistency*

可用於M20以下螺絲的固定與密封  
蠟狀半固體方便攜帶使用  
適用於輕油脂髒污表面,不鏽鋼及電鍍等  
不活性表面材質  
為可拆卸型的螺絲固定劑

Lock and seal for M20 or smaller screws.  
Semi solid stick form is incredibly convenient  
and portable.  
Suitable for lightly greased surfaces and  
passive substrates such as, stainless steel &  
electroplating surface.  
Removable.

**11271 高強度 低黏度 泛用型***High strength, low viscosity, general-purpose*

可用於M25以下螺絲的永久性固定與密封  
Lock and seal M25 or smaller screws for permanent assembly.

**11272 高強度 具觸變性 耐高溫***High strength, thixotropic, heat resistance*

耐高溫達230°C  
可用於M36以下螺絲的永久性固定與密封  
Heat resistance up to 230°C.  
Lock and seal M36 or smaller screws for permanent assembly.

**11277 高強度 高黏度***High strength, high viscosity*

耐化學性特優,可防止螺絲生鏽及腐蝕  
可用於M36以下螺絲的永久性固定與密封  
Excellent chemical resistance, prevents rusting and corrosion  
of screws.  
Lock and seal M36 or smaller screws for permanent assembly.

**11290 中高強度 滲透型***Medium to high strength, penetration type*

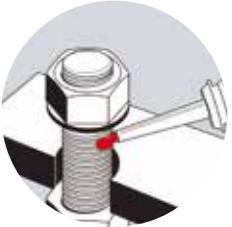
用於已裝配好的M2~M12螺絲固定與密封,也可用來  
密封焊道縫及鑄件的微孔  
可防止螺絲生鏽及腐蝕  
Lock and seal for M2~M12 screws after assembly,  
effective for sealing micro-pores on weld seams and  
castings.  
Prevents rusting and corrosion of screws.

**112701 高強度 鈍化表面專用***High strength, for passivated materials*

抗熱性極佳  
鈍化材質專用膠  
適用於M20以下螺絲的固定與密封  
Excellent heat resistance.  
Specialized adhesive for Passivated Materials.  
Lock & seal for M20 or smaller screws.

MXBON®螺絲固定劑,是單液厭氧固化型固定劑,能完全填補螺紋間隙,有效防止螺絲因震動、鬆脫、滲漏而導致的故障,取代傳統彈簧墊圈與雙螺母設計,大幅提升組裝穩固性與耐久性。使用時僅需將膠液塗於螺絲與內孔表面,即可快速固化;如需加速反應,可搭配MXBON促進劑使用。

MXBON® Threadlockers are anaerobic adhesives that cure in the absence of air and in the presence of metal ions. They effectively replace traditional mechanical locking methods such as spring washers, lock nuts, and split pins, simplifying product design and improving assembly reliability. They prevent loosening, vibration, and leakage, ensuring long-term fastening stability and reducing maintenance time. Simply apply the adhesive onto the screw and the internal thread surface. For faster results, use MXBON activator.

**產品技術資料 Technical Information**

型號 Item No.	外觀顏色 Appearance	螢光性 Fluorescence	黏度 Viscosity mPa.s (cP)	鬆脫扭矩 Breakaway N·m (lb-in)	摩擦扭矩 Prevail N·m (lb-in)	工作溫度 Working Temp. °C	固化時間 初固 Fixture Time	固化時間 全固 Fully Cured	認證 NSF
11222	紫色 Purple	◆	900–1,500 觸變性 Thixotropic	6 (52.8)	4 (35)	-54°C–150°C	15min	24hrs	◆
11242	藍色 Blue	◆	900–1,400 觸變性 Thixotropic	8–19 (70–167)	3–7 (26–62)	-54°C–150°C	5min	24hrs	◆
11243	藍色 Blue	◆	1,300–3,000 觸變性 Thixotropic	26 (229)	5 (44)	-54°C–180°C	10min	24hrs	◆
11248	藍色 Blue	◆	蠟狀 wax consistency	23 (204)	5 (43)	-54°C–150°C	5min	24hrs	
11262	紅色 Red	◆	1,200–2,400 觸變性 Thixotropic	26 (229)	32 (282)	-54°C–150°C	10min	24hrs	◆
11263	紅色 Red	◆	400–600	34 (299)	34 (299)	-54°C–180°C	10min	24hrs	◆
11268	紅色 Red	◆	蠟狀 wax consistency	10 (89)	4 (39)	-54°C–150°C	5min	24hrs	
11271	紅色 Red	◆	400–600	17–40 (150–352)	23–40 (202–352)	-54°C–150°C	10min	24hrs	◆
11272	紅色 Red	◆	4,000–15,000 觸變性 Thixotropic	34 (299)	36 (317)	-54°C–230°C	30min	24hrs	◆
11277	紅色 Red	◆	6,000–8,000	32 (282)	32 (282)	-54°C–150°C	30min	24hrs	◆
11290	綠色 Green	◆	20–55	10 (88)	29 (255)	-54°C–150°C	20min	24hrs	◆
112701	綠色 Green	◆	500–900	26–50 (229–440)	≥15 (≥132)	-54°C–150°C	10min	24hrs	◆

\*此列表之內容與數據皆以其產品技術資料表(TDS)為準。在決定選用接著劑之前,建議先進行實際測試以確保產品性能。

\*The content and data within this list are based on the respective Technical Data Sheets (TDS) of each product. Before deciding on the adhesive to use, it is recommended to conduct actual tests to ensure product performance.

**促進劑產品技術資料 Activator Technical Information**

型號 Item No.	適用 Usage	特性 Property	主成分 Main Component	線上壽命 On-Part Life	乾燥時間 Dry Time	認證 NSF
017090	厭氧膠 厭氧型結構膠 For anaerobic adhesives, anaerobic structural adhesives	本款產品適用搭配於MXBON厭氧膠及密封膠。 低氣味、不閃燃、無毒配方,可縮短固化時間。 Formulated for compatibility with MXBON anaerobic adhesives and sealants. Low odor, non-flammable, and non-toxic formulation. Significantly reduces curing time.	甲基丙烯酸酯 Polyethylene Glycol Dimethacrylate	1 hour	不會乾燥 Will not dry	
017649	厭氧膠 厭氧型結構膠 For anaerobic adhesives, anaerobic structural adhesives	適用於所有厭氧膠的加速固化,縮短固定時間,增加填縫能力。 可先塗或後噴。典型應用:非活性金屬表面、金屬電鍍表面。 Anaerobic Adhesive Activator is suitable for all anaerobic adhesives and shortening the fixture time. We can apply it first or spray it later. Typical applications: inactive or plating metal surfaces.	丙酮 Acetone 庚烷 Heptane	14 days	≤100 sec	◆