

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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Branch/Authorized Dealer Information



mxbon®



GASKETING SEALANT



14510 Anaerobic, heat resistance

- Resistant to high temperatures up to 204°C, excellent solvent and chemical resistance.
- Applicable to rigid castings, milling surfaces, with a maximum fill gap of 0.25mm.
- Will not tear or age.



14515 Anaerobic, gap-filling, general-purpose

- Rapid curing, high viscosity and suitable for large gap filling.
- Excellent solvent and chemical resistance, non-corrosive.
- Applicable to rigid castings, stamped metal parts, with a maximum fill gap of 0.25mm.
- Will not tear or age.



14518 Anaerobic, gap-filling, surface insensitive

- High viscosity and suitable for large gap filling.
- Excellent solvent and chemical resistance, non-corrosive.
- Suitable for aluminium alloy materials, rigid castings, and stamped metal parts.
- Will not tear or age.



The MXBON Gasketing Sealant is an instantly forming anaerobic-type flat sealing agent, suitable for various sizes of flange surfaces. It replaces traditional gaskets, thereby reducing inventory costs. Its features encompass a solvent-free composition, high viscosity, pressure resistance, and ease of use. Compared to pre-cut gaskets, its advantages lie in process simplification, reduced defect rates, minimized production chaos, and compatibility with various adhesive methods. This sealant completely fills the contact surface, preventing leaks and corrosion while remaining unaffected by deformation and fatigue-related leakage issues. Furthermore, it eliminates the need to consider gasket thickness, evenly distributing flange pressures, decreasing deformation probabilities, and enhancing surface machining precision. Its broad applicability contributes to lower inventory costs for gaskets of varying sizes.

TIPS of USING

- 1) Clean flange surfaces before application.
- 2) Apply sealant continuously around bolt holes.
- 3) Apply sufficient torque to prevent flange displacement.
- 4) Do not use anaerobic gasket sealant as filler.
- 5) Enhance traditional gaskets by overlaying with anaerobic gasket sealant.



Technical Information

Item No.	Appearance	Viscosity mPa.s (cP)	Gap performance(mm)	Working Temp. °C	Cure Speed		NSF
			Without Activator		Without Activator	With Activator	
14510	Pink	40,000—140,000 Thixotropic	0.25	-54°C—204°C	4—24hrs.	30min. —4hrs.	
14515	Purple	150,000—375,000 Thixotropic	0.25	-54°C—150°C	1—12hrs.	15min. —2hrs.	
14518	Red	500,000—1,000,000 Thixotropic	0.25	-54°C—150°C	4—24hrs.	30min. —4hrs.	

*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.

Activator Technical Information

Item No.	Usage	Property	Main Component	On-Part Life	Dry Time	NSF
017090	For anaerobic adhesives, anaerobic structural adhesives	Formulated for compatibility with MXBON anaerobic adhesives and sealants. Low odor, non-flammable, and non-toxic formulation. Significantly reduces curing time.	Polyethylene Glycol Dimethacrylate	1 hour	Will not dry	
017649	For anaerobic adhesives, anaerobic structural adhesives	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.	Acetone Heptane	14 days	≤ 100 sec	◆