



广州市晶邦密封技术有限公司
Guangzhou Jingbang Seal Technology Co., Ltd.

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JINGBANG
Automotive Sealing Solutions

汽车密封解决方案



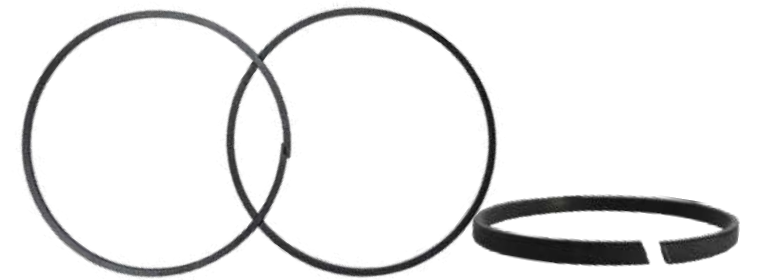
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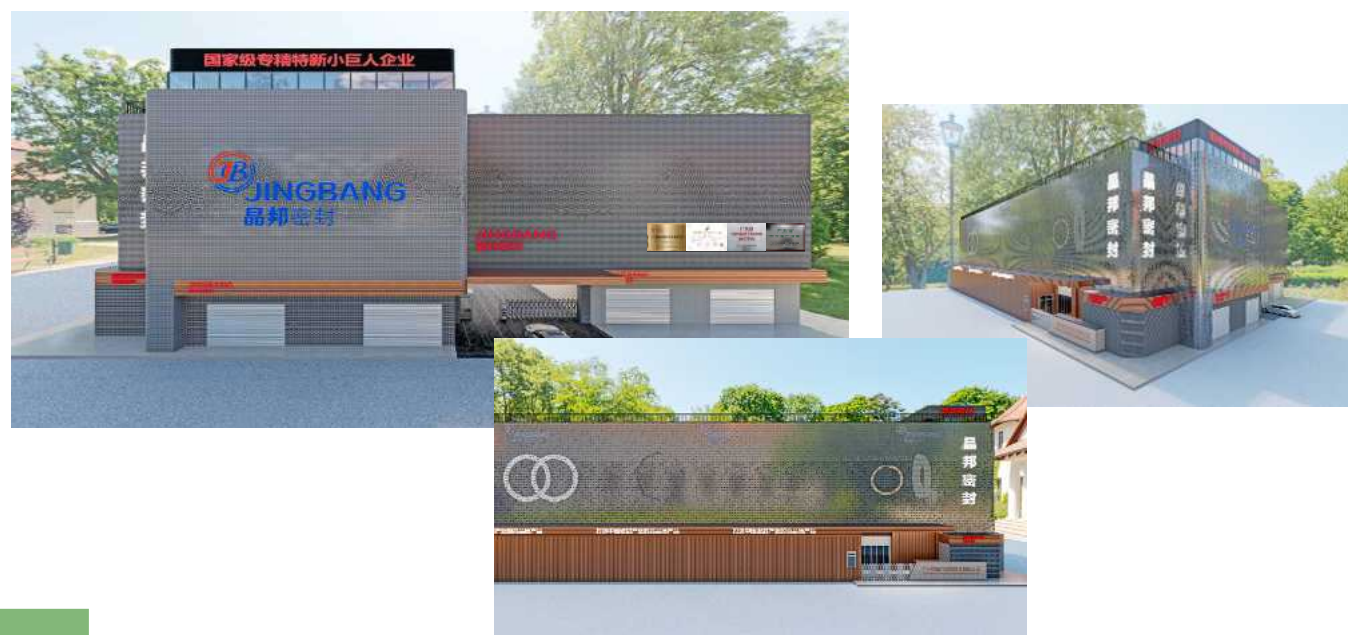
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* 目录内容将进行不定期更新，恕不另行通知，产品信息以最新版为准。



精密密封 用户导向

User-centered Precision Seals



广州市晶邦密封技术有限公司是中国氟塑料加工协会副理事长单位、氟塑料加工行业卓越贡献企业，专业从事各种应用场景的密封件的研究、生产、销售。

2003年创立至今，公司注册资金3000万，拥有2万平方米的自有生产基地，年产各类密封件5000万件；以高分子耐磨密封产品为核心，服务于汽车、工程机械、石油化工、风电等多个行业。公司一直致力于信息化和标准化的质量管理体系建设，已完成了具有晶邦特色的OA、ERP、MES信息化管理系统并通过质量管理体系认证ISO9001:2015、IATF16949:2016、有害物质管理体系认证QC080000:2017、环境管理体系认证ISO14001:2015及职业健康管理体系认证ISO45001:2018；是国家级专精特新“小巨人”企业、国家高新技术企业及广东省特种密封工程技术研究中心。

公司注重实验室建设，通过CNAS实验室认证，具备完善的产品研发、生产过程控制检测能力，与原材料生产企业及应用终端深度合作，为密封件产业链提供完善的解决方案！

Guangzhou Jingbang Seal Technology Co., Ltd. is specializing in the research, production, and sales of fluoroplastics sealing products.

Founded in 2003 with a registered capital of RMB 30 million, Jingbang operates a 20,000 m² manufacturing base with an annual output of 50 million seals, focusing on high-performance polymer wear-resistant seals for industries such as automotive, construction machinery, petrochemicals, and wind power. The company has established integrated OA, ERP, and MES systems, and is certified under ISO9001, IATF16949, QC080000, ISO14001, and ISO45001. It is recognized as a National Specialized and Innovative "Little Giant", a National High-Tech Enterprise, and the Guangdong Special Seals Engineering Technology Research Center.

With CNAS-accredited laboratories and strong R&D and testing capabilities, Jingbang collaborates closely with material suppliers and end users to deliver comprehensive sealing solutions across the industry chain.

汽车产品生产管理体系

Production Management System for Automotive Seals



企业荣誉资质

Corporate Honors and Qualifications



晶邦密封，
为多个行业提供可靠、完善的密封解决方案。

 GSJ	 GSF	 GSZ2	 JBUN	 JBR5-S
 GSI	 GSD	 GSZ5	 JB-1	 GSF-S
 JDI	 JDA	 JPT2	 JB-2	 GY1
 JDMI	 JDMA	 JPT2	 JB-3	 GY2
 JGDI	 JGDA	 JKZT	 JB-4	 GP1
 JPNC	 JPGC	 GRS	 JB-6	 GP6
 JPNO	 JPGO	 GSN	 JB-7	 GSDR
 JPN	 JPG	 JRDI	 JB-10	 GSM
 KGB	 JPGW	 JRDA	 JBDH	 JFI
 OB	 JAQ2	 GST	 JBDH-3	 JFA
 JTVM	 JAQ5	 JPW	 JBDH-4	 JFAI
 JRVA	 JDKK	 JBF	 JBDH-5	 GVA
 GES	 JKDF	 JBT	 JBDH-7	 GSBB

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Sealing Solutions For Passenger Vehicles

乘用车底盘系统多方位密封解决方案

作为汽车密封的领先制造商，晶邦填充型聚四氟乙烯密封产品具有高耐磨、耐腐蚀、可耐较宽温度范围的特点，其可靠密封性确保车辆底盘在其整个使用寿命期间的完整性。晶邦开创的汽车密封产品生产线，保证了产品加工的一致性及洁净度，与用户一同探索更高效灵活的汽车零部件设计。

As a leading manufacturer of automotive seals, Jingbang filled PTFE sealing products have the characteristics of high wear resistance, corrosion resistance, and a wide temperature range. Its reliable sealing performance ensures that the vehicle chassis lasts throughout its service life. Our self-developed production line for automotive seals ensures the consistency and cleanliness of product processing, explores more efficient and flexible automotive parts design with users.

空气悬挂气泵密封 Seals for Air Suspension Pump



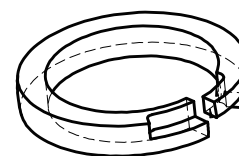
悬挂气泵系统依靠气泵来提供平稳且可调节的行驶体验，高效、可靠的气泵密封可助于提高空气悬架系统的整体效率。

The air suspension systems rely on air pumps to provide a smooth and adjustable ride. Efficient and reliable air pump seals can help improve the overall efficiency of the air suspension system.

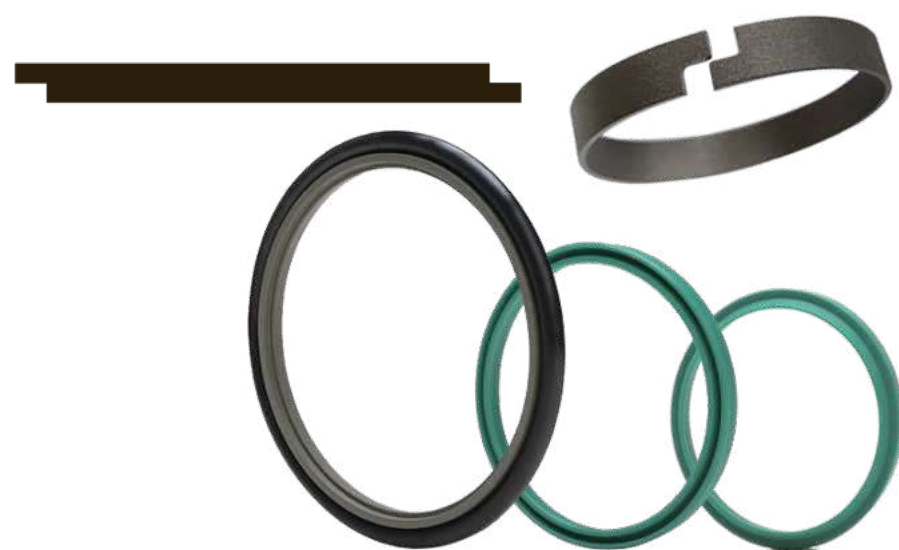


根据不同车型、不同的气泵配置或定制产品，晶邦高性能密封可确保气泵的精准度及洁净度，延长空气悬架系统的使用寿命和可靠性。

According to different models, different air pump configurations or customized products, Jingbang precision machining air pump seals can ensure the accuracy and cleanliness of the air pump, extending the service life and reliability of the air suspension system.



减振器密封 Shock Absorber Seals



减振器是车辆悬架系统的重要组成部分，负责控制车辆弹簧的冲击和振动。在液压式减振器中，可靠的密封在保持装置的完整性和功能性方面发挥着关键作用。晶邦提供一站式液压密封方案，其优越的密封性能、高耐磨性可确保减振器对不同的路况和车辆动力做出快速响应，同时，可防止外部污染物（例如污垢、灰尘和水）进入减振器，提高减振器的性能并防止过早磨损和损坏。

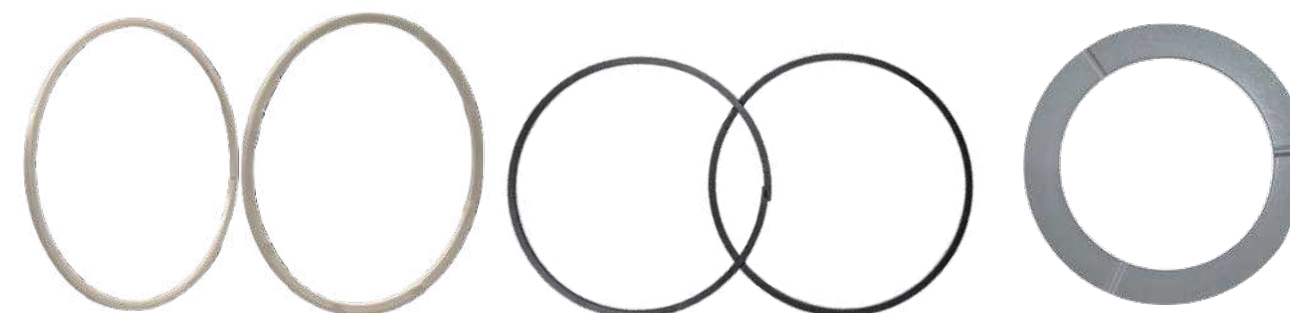
Shock absorbers are an important part of a vehicle's suspension system and are responsible for controlling the shock and vibration of the vehicle's springs. In hydraulic shock absorbers, seals play a critical role in maintaining the integrity and functionality of the unit. Jingbang provides a one-stop hydraulic sealing solution. Its superior sealing performance and high wear resistance ensure that the shock absorber can respond quickly to different road conditions and vehicle dynamics. At the same time, it can prevent external contaminants, (such as dirt, dust and water) enters the shock absorbers, improving the performance of shock absorbers and preventing premature wear and damage.



变速箱活塞环 Transmission Piston Rings

密封环是变速箱中的关键部件之一，有助于提高系统的整体效率和可靠性。晶邦变速箱密封圈具有耐磨损、抗高温、高压，低泄漏、低扭矩的特点。

Sealing rings are one of the key components in a transmission gearbox and help improve the overall efficiency and reliability of the system. Jingbang gearbox sealing ring has the characteristics of wear resistance, high temperature resistance, high pressure resistance, low leakage and low torque.



PEEK活塞环
PEEK Piston Rings

PEEK止推片
PEEK Wear Ring



PTFE活塞环
PTFE Piston Ring



PTFE耐磨环
PTFE Wear Ring

发动机凸轮轴密封 Camshaft Seal

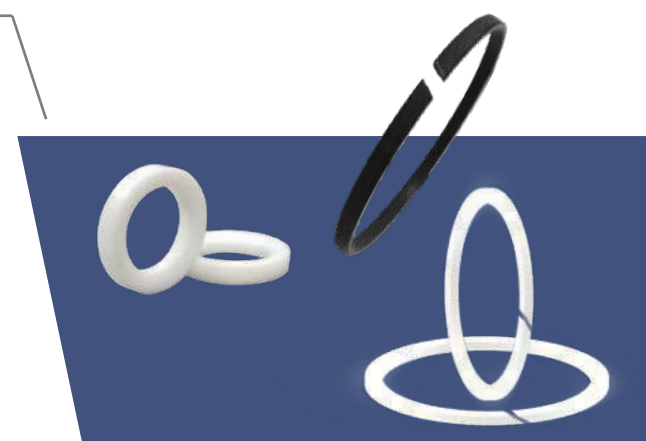
凸轮轴密封在内燃机中发挥着重要作用，密封凸轮轴位置工作时需要的液压油。晶邦凸轮轴密封，材料性能稳定，耐磨耐压，相比金属密封环，可将液压式可变正时凸轮机构的泄漏量控制到最小，延长其使用寿命。

Camshaft seals play an important role in internal combustion engines, ensuring smooth operation of the camshaft and improving generator efficiency. The seal specially developed by Jingbang has stable material performance, wear resistance and pressure resistance, which can minimize the wear of the camshaft surface and extend its service life.



阀门密封 Valve Seals

阀门控制制冷剂的流量，使系统能够在加热和冷却模式之间切换。晶邦阀门密封包含阀杆、阀座及阀盖的多方位密封可有效防止制冷剂泄漏、确保阀门平稳运行、无泄漏。采用的高性能耐磨材料可与制冷剂兼容，并且能承受系统内的温度和压力条件，优化系统的整体可靠性和性能。



Jingbang valve seals include multi-directional sealing of the valve stem, valve seat and valve cover, which can effectively prevent refrigerant leakage and ensure smooth operation of the valve without leakage. The high-performance wear-resistant materials used are compatible with refrigerants and can withstand the temperature and pressure conditions within the system, optimize overall system reliability and performance.



Sealing Solutions For Commercial Vehicles

商用车密封解决方案



新能源空压机密封 New Energy Air Compressor Seals



空压机密封可有效防止压缩机内压缩空气泄漏, 维持压缩机的最佳运行效率和耐久性。针对该工况开发的密封材料具有高耐磨性的特点, 可帮助延长压缩机的整体使用寿命, 确保系统正常运行。

Air compressor seals can effectively prevent leakage of compressed air in the compressor and maintain optimal operating efficiency and durability of the compressor. Our sealing material developed for this working condition has high wear resistance, which can help extend the overall service life of the compressor and ensure normal operation of the system.



举升缸密封 Lift Cylinder Seals

在重卡的驾驶室下面, 通常装有一支举升液压油缸, 在车头零部件出故障时便于翻转维修。晶邦可为举升油缸提供全套密封, 包括活塞密封、活塞杆密封、防尘密封、导向元素及静密封。

Under the cab of a heavy truck, there is usually a lift hydraulic cylinder installed, which can be easily turned over for repairs when the front parts of the truck fail. Jingbang can provide a complete set of seals for lifting cylinders, including piston seals, piston rod seals, dust seals, guide elements and static seals.



转向缸密封 Steering Cylinder Seals

转向油缸是液压动力转向系统的关键部件, 转向油缸在液压系统内运行, 动力转向泵对液压油加压, 并将该压力施加到转向油缸的一侧或另一侧以辅助转向。密封件在转向油缸中至关重要, 可防止流体泄漏并维持有效转向所需的压力。

The steering cylinder is a key component of the hydraulic power steering system. The steering cylinder operates within the hydraulic system. The power steering pump pressurizes the hydraulic oil and applies this pressure to one side or the other of the steering cylinder to assist steering. Seals are critical in steering cylinders to prevent fluid leakage and maintain the pressure needed for effective steering.



活塞蓄能器密封 Piston Accumulator Seals



作为液压系统中的能量中转站，活塞蓄能器具有储存、释放与平稳控制能量的作用。它通过一个可移动的活塞，将内部的氮气（可压缩介质）与液压油（工作介质）物理隔离。晶邦蓄能器活塞密封方案可实现液气隔离不泄露，适用于高压、宽温域及耐化学介质场合。

The piston accumulator functions to store, release, and smoothly control energy. It uses a movable piston to physically separate the internal nitrogen gas (compressible medium) from the hydraulic oil (working medium). Jingbang sealing solution for piston accumulator achieves reliable liquid-gas isolation without leakage, suitable for high-pressure, wide-temperature-range, and chemically resistant applications.



油泵滑动密封 Slide Seals for Oil Pumps

滑动密封用于汽车油泵，具有防止油液泄漏、维持泵腔压力与提高容积效率的作用。它通过精密贴合在旋转轴与壳体之间，利用介质压力和滑动接触形成动态密封界面。晶邦填充PTFE滑动密封可实现高压差下低摩擦与零泄漏，适用于宽温域及高速旋转工况。

Sliding seals used in automotive oil pumps, play a key role in preventing fluid leakage, maintaining pump chamber pressure, and improving volumetric efficiency. By precisely fitting between the rotating shaft and housing, they create a dynamic sealing interface through medium pressure and sliding contact. Jingbang filled PTFE sliding seals provide low friction and reliable zero-leakage performance under high pressure differentials, making them suitable for wide temperature ranges and high-speed rotating applications.

