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为全球客户提供整套 液态硅胶产品解决方案

Providing a package Liquid Silicone
Product Solution for global customer package



AIWO

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ABOUT AIWO

关于爱沃

AIWO是一家液态硅胶制品研发与生产商。多年积累的生产与技术研发, AIWO掌握了一流的生产模式。从产品设计、模具开发、自动化生产, 全方位满足客户的需求。始终追求满分的态度、让客户收获超过预期服务的准则, 督促着AIWO不断前进。凭借高产值的无尘车间以及技术创新, AIWO为客户实现了更短的产品上市周期、降低管理风险及更好的成本控制。未来, AIWO将致力于引领全球硅胶用品发展, 应对日新月异的挑战。

AIWO is a manufacturer of LSR products. With years of accumulated production and technology research and development, aiwo has mastered the first-class production mode. From product design, mold development, automated production, all-round to meet the needs of customers.

The attitude of always pursuing full marks and the principle of making customers gain more than expected services urge AIWO to move forward. With the dust-free workshop with high output value and technological innovation, AIWO has achieved shorter product launch cycle, reduced management risk and better cost control for customers. In the future, AIWO will be committed to leading the development of silicone products in the world and meeting the challenges that are changing with each passing day.





AIWO具备丰富的生产经验, 随着产品的多样化、市场的高端化趋势, AIWO也不断提高生产效率和技术实力, 同时我们始终坚持和按照ISO9001&ISO13485的体系要求运营, 确保了我们对生产过程中每个环节的有效控制, 尽一切可能为客户提供高品质的产品。

Aiwo has rich production experience. With the diversification of products and the high-end trend of the market, aiwo also continues to improve its production efficiency and technical strength. At the same time, we always adhere to and operate in accordance with the system requirements of iso9001&iso13485, ensuring our effective control of every link in the production process and doing everything possible to provide customers with high-quality products.

液态硅胶制品已经广泛应用于日用母婴制品, 医疗配件制品, 劳保防护用品, 3C电子制品, 汽配防水密封配件制品, 厨卫制品, 成人用品、美容护肤、电缆电线、体育防护、密封配件等硅胶配件的生产。

LSR products have been widely used in daily mother and child products, medical accessories products, labor protection products, 3C electronic products, automotive waterproof and sealed accessories products, kitchen and sanitary products, Production of silicone accessories such as adult products, cosmetic skin care, cable wires, sports protection, and seal rings.

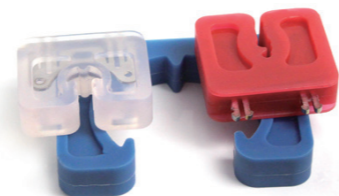
母婴产品

液态硅胶制品柔软亲肤不变色, 无毒无害, 化学惰性高对人体不产生有害物质, 成型过程无污染, 可以达到食品级认证, 已被广泛应用于月经杯、奶瓶、牙胶、乳牙刷、勺子、吸奶器、奶嘴、安抚奶嘴等。



医疗产品

液态硅胶医疗制品无色、无毒，耐高温，耐腐蚀，柔韧性、透明性高等特性可以解决不好的医疗难题，不容易出现排斥反映，不与人体的毛细血管粘附，满足患者的医疗作用，现已经广泛应用于医疗行业的密封圈、喉罩、氧气面罩、负压球、导尿管、胃管、牙套、手术支架、切口保护套、球囊等硅胶配件。



劳保产品

液态硅胶制品环保无味触感柔软、不老化不变形，密封性好，能密封大部分有害气体，能承受恶劣高温高压环境并且成型工艺非常稳定，液态硅胶制品已经被广泛应用于防护面罩、防毒面具、防尘防雾霾口罩、防噪音耳塞、防护镜框等硅胶件。



电子产品

液态硅胶制品防水性能高，弹性好，防震效果极佳，可以成型高精度硅胶制品配件，已经广泛应用于手机护套、接头防水密封件、喇叭振膜、表带、按键、耳机套等。



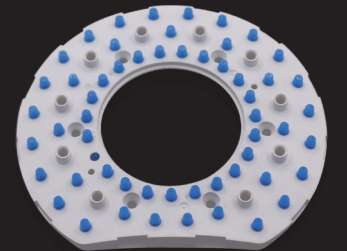
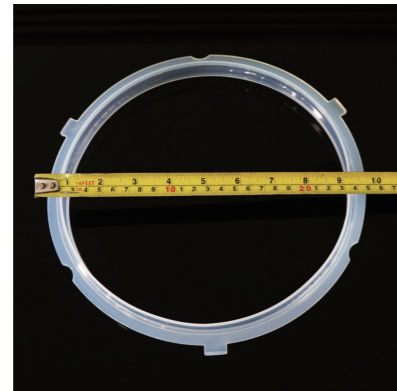
汽配产品

液态硅胶制品具有高透性，密封性，耐电晕性，耐电弧性、耐高低温、耐老化性、耐高温性能等特性，已经广泛应用于LED透视镜、火花塞接头、线速密封件、密封圈等。



厨卫产品

液态硅胶制品是高透明高安全的食品级制品,具有优异的抗撕裂强度、回弹性、抗黄变性、热稳定性、耐水、透气性、耐热老化性和耐候性,已经被广泛应用于花洒喷头、蛋糕模、巧克力模、炒菜铲、锅盖密封垫圈等。



LIQUID SILICONE RUBBER

液态硅胶

在多样化的液态硅胶产品制造方面,快速的为客户提出完美的解决方案。

液态硅因其独特的稳定性、生物安全等性能而区别于一般的弹性体,被越来越广泛的应用于医疗、婴幼儿、食品、汽车等领域;然而如何获得高质量的液态硅胶零件,无论对于模具技术和注塑技术绝对是一个不小的挑战,换言之,液态硅胶制造技术发展已经在一定程度上制约了液态硅胶的普及。

爱沃硅胶科技拥有多台液态硅胶注塑成型设备,拥有16年的专业技术知识沉淀,满足复杂工艺液态硅胶制品,高精密液态硅胶制品研发生产代加工的要求承接大量液态硅胶制品生产,液态硅胶包胶(塑料包胶金属包胶、尼龙包胶),双色双物料等硅胶制品研发OEM。

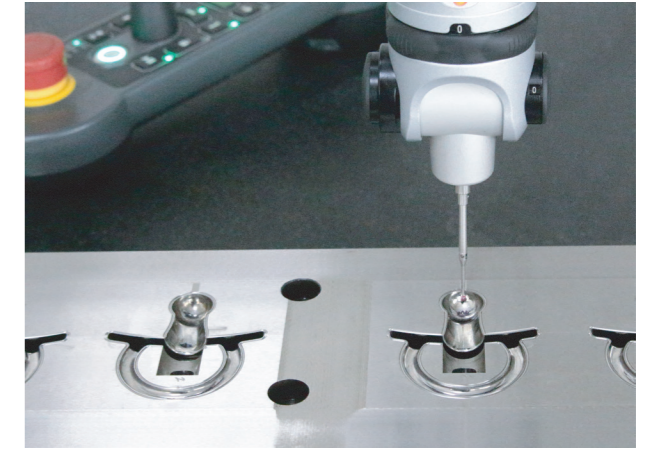
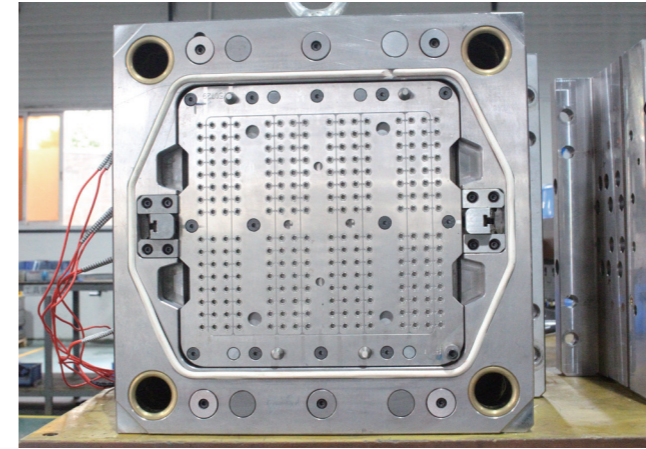
Liquid silicone because of its unique stability, bio-safety performance elastomer different from the general, is more and more widely used in medical, infant, food, automotive and other fields; however, how to get high-quality liquid silicone parts, both for technical and injection mold technology is definitely not a small challenge, in other words, liquid silicone manufacturing technology development has to some extent, restricted the popularity of liquid silicone.

AIWO silicone gel technology has a number of liquid Silicone gel injection molding equipment, has 16 years of professional technical knowledge precipitation, meets the requirements of complex process liquid Silicone gel products R&D and production of substitute processing; To undertake the production of a large number of liquid silica gel products, liquid silicone gel(plastic gel, metal gel, nylon gel), two-color double material and other silicone gel products R&D OEM

- 液态硅胶零件大量制造;
- 医用液态硅胶零件的开发与制造;
- 液态硅胶多组产品开发制造;
- 微型液态硅胶零件的开发与制造;
- 液态硅胶密封件的开发和使用;
- 液态硅胶零件的无菌制造。



- LSR parts mass production;
- Multiple sets of LSR product development and manufacturing;
- Development and use of LSR seals;
- Development and manufacture of medical LSR components;
- Development and manufacture of micro LSR parts;
- Sterile manufacturing LSR parts.



TOOLING 模具

AIWO模具专注于各种高精度、复杂的、严要求的塑胶和液态硅胶模具的制造及研发。

经过多年的发展与经验积累, AIWO有先进的模具制造及研发管理经验, 我们有一流的技术团队, 给客户提供优质高效的服务。

我们有先进的加工机器, 恒温及洁净控制的车间环境, 为复杂高精密的模具的加工及研发提供了支持和保障。

- | | |
|------------------|---|
| 1. ≤5μm高精度加工 | ≤5μm precision machining |
| 2. 36000 rpm高速主轴 | 36000 rpm spindle speed |
| 3. 在线CMM测量 | Online CMM measurement |
| 4. 主轴热膨胀自动补偿 | spindle automatic compensation of thermal expansion |
| 5. 刀具损耗检测自动补偿 | Automatic detection of tool wear compensation |
| 6. 数控曲面磨削加工 | CNC Surface Grinding |

MOLDING & POST MOLDING

注塑&后加工

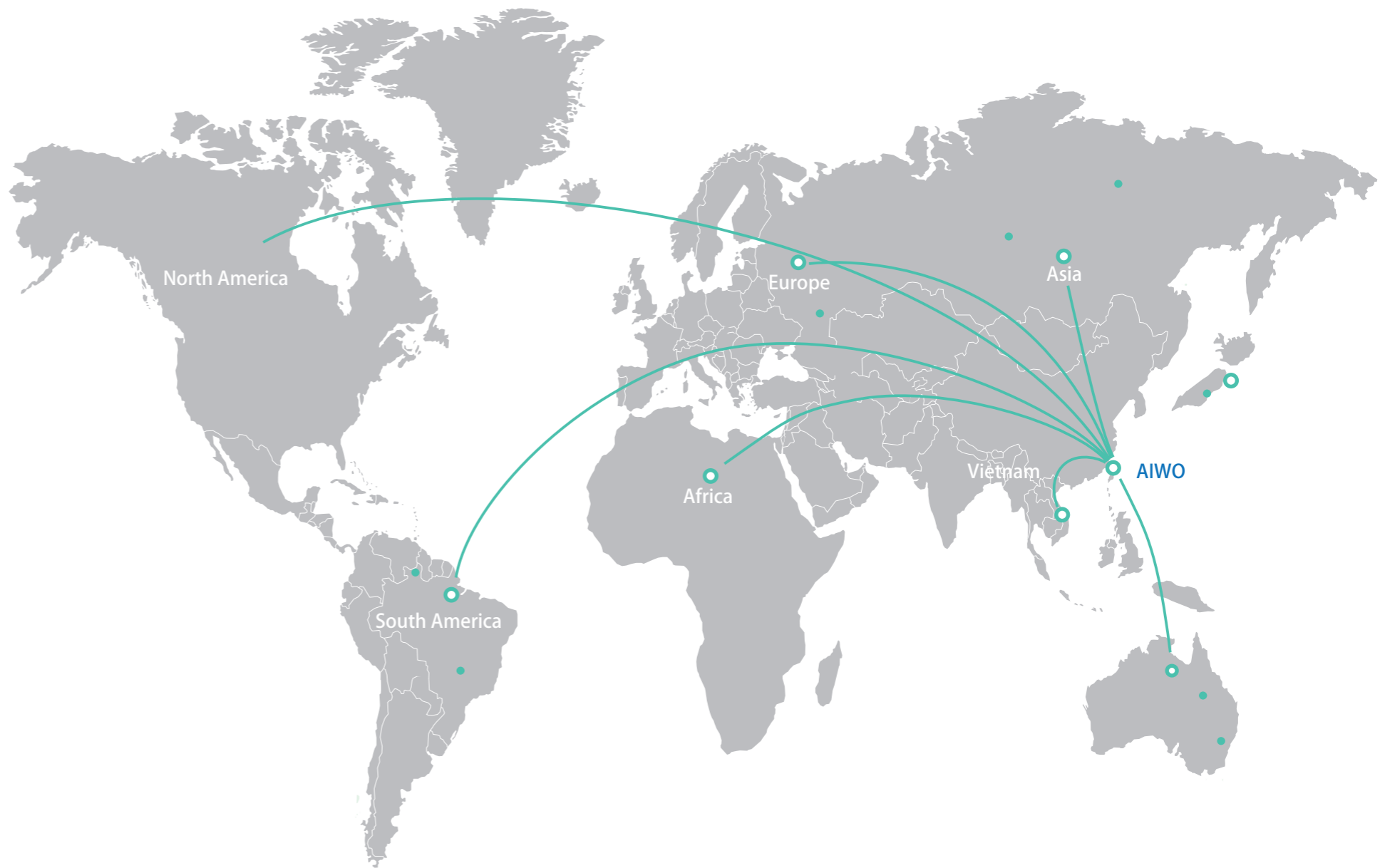
AIWO注塑&后加工专注于高精度、严格要求的产品尤其是医疗产品的注塑、装配及注塑后加工(移印, 烫金, 激光打标, 激光切割, 热熔, 超生波等)。

经过多年的发展与经验积累, AIWO有先进的注塑管理经验, 我们一流的团队, 给客户提供优质高效的服务。

AIWO注塑&后加工具有丰富的资料产品的制造经验, 标准的无尘生产车间, 为高精度、高等级的医疗产品制造提供强有力的支持。

After years of development and accumulated experience, AIWO advanced injection management experience, we have first-class team, to provide quality and efficient services.

AIWO injection & post-processing has a wealth of experience in manufacturing product information, there are world-class machines (Arburg, Engel, Kuka, Wittmann, Rofin, Dukane, etc.)



AIWO的注塑&后加工业务遍布欧洲、南美洲、非洲、北美洲、亚洲等的世界发达国家和地区。基于“科技领先, 优质高效, 顾客至上”的经营理念, AIWO注塑&后加工赢得了客户的好评, 并连续多年获得客户最佳供应商的奖项。

AIWO after injection & processing business throughout Europe, South America, Africa, North America, Asia and other countries and regions of the world. Based on the "leading technology, high quality and efficiency, the customer first" philosophy, AIWO Accommodation & post-processing has won the praise of customers, and customers for many years was the best supplier award.

AUTOMATION

自动化

无论是应用机器人作为基础进行二次开发,还是以全新的理念设计的专用自动化设备,我们能找到最合适的方案,满足客户在注塑生产及零件加工中全自动化的需求。

如果您需要的是一套完整的注塑或零件加工的生产系统,您只需要提供产品的图纸给我们,并告诉我们您对产品生产效率的期望,我们可以在最合适的设备选型、场地规划、设备采购、定制化开发等所有的中间环节为您服务,并整合各项资源为您的产品量身定做一套完整的生产系统,中间过程完全不需要您的操心。

Whether used as the basis for secondary development of the robot, or to design a new concept dedicated automation equipment, we are always able to find the most appropriate solutions to address the production and injection molding parts processing automation replace manual work with the problem.

If you need a complete production system for injection molding or parts processing, you only need to provide us with the drawings of the product and tell us your expectations for the product and production efficiency. We can serve you in the most suitable settings, site planning, equipment procurement, customization development and other intermediate links, and integrate various resources to tailor a complete production system for your products. The middle process has nothing to do with you.



QUALITY MANAGEMENT

品质管理

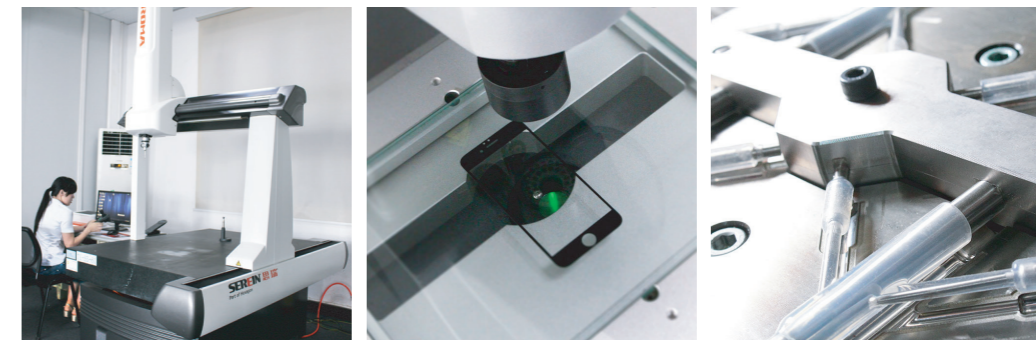
AIWO具有全面的品质管理体系,我们通过了ISO9001:2015质量管理体系的认证。

我们的质量方针是“创新务实,制造优良品质;追求卓越,超越顾客满意”。诚信是企业的灵魂。我们旨在以高效的方式提供高品质的产品和服务给客户,客户满意是我们的宗旨。同时,满足法律法规的要求是我们企业生存的强力保障。

我司的质量主要分为质量体系、质量策划、质量控制和质量改进四个方面,我司先进精密的测量仪器(如:三坐标测量仪、影像测量仪等)和强大的品质管理团队确保有效的品质管理。

Our quality policy is "good faith compliance, leading technology, high quality and efficiency, the customer first." Credibility is the soul of business, we aim to provide an efficient high-quality products and services to customers, customer satisfaction is our aim. At the same time, meet legal and regulatory requirements is a powerful guarantee survival of our business.

Our quality is divided into the quality system, quality planning, quality control and quality improvement in four areas. Our advanced precision measuring instruments (Hexagon CMM, OGP / CNC Optical CMM, Mitutoyo, CTS, IMT, TSI, etc.) and strong quality management software (Infinity QS SPC SAP QM) ensure effective quality management.



PROJECT

项目

AIWO实行以项目为核心的扁平化组织架构,为项目的成功提供强有力的组织保障。

AIWO以项目经理为核心,产品设计,模具制造,自动化生产,智能化控制,品质控制围绕着产品经理的方案实现无缝对接,接到项目,即召开以产品经理为主导的产品会议,从产品的整个环节进行审核,设计,加工,生产,组配,测试,确定方案后落实,整个流程可控,扁平化的管理更加高效,项目的每个参与人都对液态硅胶制品的开发生产有着丰富的经验,我们的口号是:将您的想法转化为产品是我们唯一的目标!

AIWO project management team has from product design, mold design, engineering, production automation, to the formation of structural parts and electronic parts assembly, product testing and other functions, to achieve a seamless collaboration with customers one-stop service project. AIWO based on the US PMI advanced project management concepts to create their own project management process, all project managers are PMP certificate of the US, with good English language ability, barrier-free international communication.



创新硅胶科技,延伸无限,放眼未来,
AIWO与你携手前行!

Innovative silicone technology, unlimited extension,
looking to the future,
AIWO moves forward hand in hand with you!