

工业胶粘剂解决方案

INDUSTRIAL ADHESIVE SOLUTIONS



发展历程

1997年	2000年	2007年	2008年	2009年	2010年
IWG 成立	正式组建广州产品研发 部门并开始自主生产自 有品牌产品	深化海外市场,与美国、 德国、日本合作商建立 合作关系	青岛生产基地落成, 完成了南方为销售龙 头,北方为生产基地 的南北战略布局	先后获得ISO9001认证、 国家绿色环保产品认证, 并进一步开发国际市场	IWG 荣获"广东省 著名商标"称号
The IWG is founded	Formally established the product R&D department in Guangzhou and began toindependently produce its own brand products	Widen overseas markets and established cooperative relations with American, German, and Japanese partners	The Qingdao production base was completed, completing the north-south strategic layout with the south as the sales headquarter and the north as the production base	Obtained ISO9001 certification and national green product certification successively, and further developed the international market	IWG won the title of "Famous Trademark of Guangdong Province"

ABOUT IWG 企业简介

用好胶·用心造

IWG,是中国胶粘剂行业中更具服务意识的科技型企业。

在近三十年的发展历程中,IWG 始终坚持以"用心造好胶,让客户用上好胶,帮客户好好用胶"的服务理念,为全球客户带来可靠的用胶体验。

科技和服务创造价值

IWG 目前拥有两大木工胶品牌"永特耐"、"永隆",专注于为家具、门、窗、地板、空间装饰等行业提供专业用胶解决方案;拥有工业胶品牌"爱特科",专注于为书本装订、纸箱包装、手提纸袋、滤清器、酒 / 饮料 / 饮用水贴标、奶制品吸管、卫材、软体家具 / 床垫等行业提供专业用胶解决方案。

IWG 拥有三个研发中心,超过四十人的研发团队,率先打造"A+ 科研平台",并建立了应用检测实验室、环境实验室;同时,在中国、东南亚、中东、欧洲以及南美洲等地共拥有超过七十人的技术服务团队。IWG 遍布全球的服务节点,可在第一时间响应全球二十多个国家、上千品牌方客户的需求,并提供服务与产品解决方案。

IWG 的世界级样板工厂——青岛黄岛智慧协同工厂,是胶粘剂新型材料智、研、产的一体化创新平台,将融合各领域更多创新人才,为全球客户提供多元化的胶粘剂应用解决方案。

世界级科技品牌

IWG 将贯彻"品牌、研发、产品、服务"的"四轮驱动"战略,建设世界级科技品牌。

IWG 将持续践行"精、专、勤、谦"的企业四项修炼,聚力产业升级!践行国家低碳、环保的发展战略,从可降解的生物基产品,到布局新能源、光伏等行业胶粘剂整体解决方案!

IWG,用科技为社会提供更有价值的粘合,用服务为客户提供更可靠的粘合,做全球胶粘剂行业更稳定的价值提供者!

爱特科能为全球客户提供便捷与专业服务。

I-TIBD can provide convenient and professional service for global customers.

成都永鑫隆工厂建成投

2013年

产,完善了西南生产基地

的建设 创立爱特科品牌

The Chengdu Yongxinlong plant was completed and put into production, perfecting the construction of the southwest production base Established the I-TIBD brand

2017年

越南分公司成立,深化海外市场建设。同年,广州粘合剂应用技术研究所成立,科技研发能力再次升级

The Vietnam branch company was established to further widen the overseas markets. In the same year, Guangzhou Adhesive Application Technology Research Institute was established, and the scientific and technological research and development capabilities were upgraded again

广州新材料研究院

2018年

Guangzhou New Materials Research Institute was established 黄岛智慧协同工厂 正式投产

2022年

Huangdao Smart Integrated Factory was officially put into production. 4.0 高速产线专用 PUR 封边胶行业首发

2023年

4.0 High speed production line dedicated PUR edge sealant industry first

IWG(泰国)新材料有限公司成立,为泰国等东南亚国家客户提供快捷配套与专业服务

2024年

IWG (Thailand) New Materials Co., Ltd. was established to provide fast supporting and professional services for customers in Thailand and other Southeast Asian countries

INTENT ON ADHESIVE

As a technology-driven enterprise with exceptional service orientation in China's adhesive industry, IWG has been delivering reliable bonding solutions for global clients over three decades. Guided by our core philosophy of "Developing Premium Adhesives, Ensuring Optimal Application, and Maximizing Performance," we transform adhesive science into tangible value for industries worldwide.

TECHNOLOGY & SERVICE: VALUE CREATION ENGINE

Through our woodworking adhesive brands IWG and WINLONG, we provide specialized solutions for furniture, doors, windows, flooring, and architectural woodwork. Our industrial brand I-TIBD serves diverse sectors including bookbinding (Smyth-sewn binding systems), packaging (corrugated boxes and paper bags), filtration systems, beverage labeling, dairy product straw attachment, hygiene products, and mattress manufacturing. This dual-brand strategy allows precision solutions tailored to specific industrial requirements.

Supported by three R&D centers and a 40-member scientific team, our A+ R&D Platform integrates application testing labs and environmental simulation facilities. With over 70 technical consultants stationed across 20+ countries in Asia, Europe, the Middle East, and South America, we ensure real-time responsiveness to client needs. Our flagship Huangdao Smart Collaborative Factory represents a revolutionary integration of R&D, production, and material innovation, setting new benchmarks in adhesive technology.

Implementing the Four-Pillar Strategy encompassing brand elevation, technological innovation, product excellence, and service optimization, IWG drives industrial transformation. We operationalize the corporate principles of Precision, Expertise, Dedication, and Collaboration through sustainable initiatives like biodegradable bio-based formulations and advanced bonding systems for emerging sectors such as new energy and photovoltaics.

Vision for Global Leadership

As a committed value creator in the adhesive industry, IWG combines scientific ingenuity with service reliability to deliver enduring solutions. From enhancing production efficiency to enabling eco-friendly manufacturing, we are dedicated to being the most stable value provider in global industrial bonding – where every connection we create strengthens the foundation of tomorrow's innovations.



BRAND INTRODUCTION 品牌介绍





爱特科是 IWG 旗下工业胶粘剂专业应用解决方案提供者,IWG 于 2008 年首先落户山东青岛,2011 年增设成都分厂,2022 年黄岛智慧协同工厂正式投产。

I-TIBD is a professional application solution provider for industrial adhesives under IWG. IWG first settled in Qingdao, Shandong in 2008, established a Chengdu branch in 2011, and officially put into operation the Huangdao Smart Integrated factory in 2022.



国内更先进的热熔胶生产线之一

One of the more advanced Hot Melt adhesive production lines in China



国内领先的全自动进料系统

Domestic leading automatic feeding system



爱特科致力于为纸品包装、滤清器、软体家具等行业优化生产成本,提高生产效率。爱特 科胶粘剂产品有着更佳的热稳定性、更高的粘接力和更合适的固化时间,在保证品质的同 时,能更有效地提高纸品及包装生产的速度。

爱特科的产品已通过国内外的多项检测要求,完全符合对环保及性能的要求。无论是哪种设备、基材或环境因素,爱特科的 HM 产品系列、PG 产品系列均能满足客户的使用需求。爱特科在为客户提供优质产品的同时,还能为客户提供细致专业的服务,向客户呈现完整专业的用胶解决方案。我们愿与所有客户携手同行、共同成长,成为客户更信赖的合作伙伴。

I-TIBD is committed to optimizing production costs and improving production efficiency for the paper packaging industry. I-TIBD adhesive products have better thermal stability, higher adhesion and more suitable curing time, while ensuring quality, it can more effectively improve the speed of paper and packaging production.

Products have passed many domestic and foreign testing requirements, and fully meet the requirements for environmental protection and performance. No matter what kind of equipment, substrate or environmental factors, I-TIBD HM product series and PG product series can meet the needs of customers.

I-TIBD, while providing customers with high-quality products, can also provide customers with meticulous and professional services, presenting customers with complete and professional paper packaging adhesive solutions. We are willing to walk hand in hand with all customers, grow together and become the most trusted partner of customers.



全程可视电脑屏幕控制生产体系

Full visibility computer screen control production system



现代化的仓储管理系统

Modernized warehouse management System



先进的罐装系统

Advanced canning system

OUR HONOR 我们的荣誉

严格的品质控制以及低碳环保的生产及出品,让爱特科品牌产品顺利通过了 ISO9001:2015 质量认证及中国环境认证标志(十环)等多个国内外的质量标准及安全认证。

同时,企业还应邀加入了中国印刷技术协会,获得了中国印刷技术协会绿色原辅材料质量管理持续优异单位等殊荣。

Strict quality control and low-carbon and environmentally friendly production and production have made I-TIBD brand products successfully pass many domestic and foreign quality standards and safety certifications such as ISO9001:2015 quality certification and China Environmental Certification Mark (Ten Ring).

At the same time, I-TIBD was also invited to join The Printing Technology Association of China (PTAC), won the PTAC green raw and auxiliary material quality management unit and other awards.









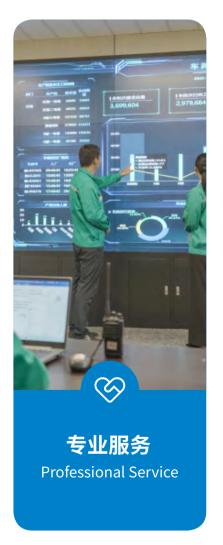
QUALITY CONTROL 品质控制

坚持"质量第一"的原则,严格恪守质量管理标准,加强质量管理的过程控制,强化质量管理的执行力……这一切,成就了爱特科品牌的良好口碑。

Adheres to the principle of "quality first", strictly abided by the quality management standards, strengthens the process control of quality management, and strengthens the execution of quality management ... All these bring a good reputation for the I-TIBD brand.









BOOK BINDING SPINE GLUE 书本装订背胶

书本装订背胶用于书脊粘接,适用于中高速度的联动线和非联动线书本胶装,具有粘接力强、耐温性好等突出优点,适合胶版纸和铜版纸的书本装订。

产品的所有原料均符合美国食品及药品协会(FDA)条规 21CFR75.105 "粘合剂"的规定,同时符合中华人民共和国环境标志产品技术要求 (HJ/T2541-2016)。

It's designed for use in spine gluing for medium to high speed perfectbinding line or standalone rotary binder. is formulated with good adhesion and thermal stability. It is suitable for art paper and woodfree uncoated paper.

FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21CFR 175.105). All products pass Technical requirement for environmental labeling products (HJ/T2541-2016).

型号 Product code	外观 Appearance	软化点(环球法 /°C) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM8030W	白色颗粒 White grain	75-80	6000-7000	150-180	20KG/袋/bag
HM8030	白色颗粒 White grain	75-80	8000-9500	150-180	20KG/ 袋 /bag
HM8218	透明颗粒 Translucent grain	78-85	6000-7000	150-180	20KG/ 袋 /bag
HM8030H	白色颗粒 White grain	78-85	8000-9500	150-180	20KG/袋/bag
HM8030L	白色颗粒 White grain	74-80	5500-6500	120-140	20KG/ 袋 /bag



书本装订边胶用于书本侧面粘接,具有开放时间长、流动性适中、粘接力强、耐温性好等突出优点,适合印刷纸张、上光油纸及 BOPP 覆膜纸张的粘接。

产品的所有原料均符合美国食品及药品协会(FDA)条规 21CFR75.105 "粘合剂"的规定,同时符合中华人民共和国环境标志产品技术要求 (HJ/T2541-2016)。

HM8438 is designed for use in bookbinding side gluing for medium to high speed perfect binding line or standalone rotary binder.

HM 8438 is formulated with good adhesion & thermal stability long open time and good flow property.

HM 8438 is light clear yellowish and is suitable for bonding printed, varnished or BOPP laminated paper.

FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21CFR 175.105), All products pass Technical requirement for environmental labeling products (HJ/T2541-2016).

型号 Product code	外观 Appearance	软化点(环球法 /°C) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM8438	淡黄圆颗粒 Light yellow grain	75-80	2000-2600	160-180	20KG/ 袋 /bag
HM8438L	淡黄圆颗粒 Light yellow grain	74-78	2000-2600	160-180	20KG/ 袋 /bag
HM8438H	淡黄圆颗粒 Light yellow grain	68-78	2200-3200	150-170	20KG/ 袋 /bag



HANDBAG GLUE 手提纸袋专用胶

手提纸袋专用胶分为纸袋把手粘接、侧边粘接、底部粘接三类型热熔胶,产品具有较强的热粘性及较好的耐高低温性能。 产品的所有原料均符合美国食品及药品协会(FDA)条规 21CFR75.105 "粘合剂"的规定,同时符合中华人民共和国环境 标志产品技术要求(HJ/T2541-2016)。

Handbag glue is divided into three types of hot melt adhesive: hand bonding, side bonding and bottom bonding. The product has strong thermal viscosity and good resistance to high and low temperature.

FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21CFR 175.105), All products pass Technical requirement for environmental labeling products (HJ/T2541-2016).



型号 Product code	外观 Appearance	软化点 (环球法 /°C) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM30016	淡黄颗粒 Light yellow grain	72-80	2000-2800	150-170	20KG/ 袋 /bag
HM30019	白色透明颗粒 White Translucent grain	90-100	1500-2500	150-170	20KG/ 袋 /bag
HM8156	淡黄透明块状 Light yellow transparent block	80-85	2600-3500	150-170	20KG/ 箱 /carton
HM8158	白色透明块状 White transparent block	85-95	2000-3000	150-180	20KG/ 箱 /carton
HM30016D	黄色颗粒 yellow grain	110-120	1200-2000	150-170	20KG/ 袋 /bag
HM8157	淡黄透明块状 Light yellow transparent block	80-85	2500-3500	150-170	20KG/ 箱 /carton
HM8158W	白色透明块状 White transparent block	85-95	2000-3000	150-180	20KG/箱/carton





CASE CARTON SEALING 纸箱纸盒专用胶

专为高速封箱设计的热熔胶,适用于各类纸品盒和各类三层、五层瓦楞纸箱等的粘合,固化速度快,十分适合流水线作业。 产品的所有原料均符合中华人民共和国环境标志产品技术要求(HJ/T2541-2016)。

It's formulated for case & carton sealing and suitable for all double-wall or triple-wall corrugated box sealing. There are fast setting and good for online packaging line.

All products pass Technical requirement for environmental labeling products(HJ / T2541-2016).





型号 Product code	外观 Appearance	软化点 (环球法 /°C) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM30018	黄色半透明颗粒 Yellow translucent grain	107-117	1200-2000	150-180	20KG/袋/bag
HM100	白色透明颗粒 White transparent grain	103-113	900-1700	150-180	20KG/袋/bag
HM20	白色透明颗粒 White transparent grain	103-113	1000-2000	150-180	20KG/袋/bag
HM8159	淡黄颗粒 Light yellow grain	75+85	1100-2100	150-180	20KG/袋/bag
HM100H	白色透明颗粒 White transparent grain	103-113	900-1700	150-180	20KG/袋/bag
HM8181	白色颗粒 White grain	95-105	1300-2300	150-180	20KG/袋/bag
HM30018D	淡黄颗粒 Light yellow grain	110-120	1200-2000	150-180	20KG/袋/bag





适用于粘贴啤酒瓶的标签,或是为纸或 OPP 标签在 PET 瓶上的高速粘贴。产 品固化后粘接强度高,具有良好的防水、 耐腐蚀和抗冰等性能。

This adhesive is formulated for use in bottle labeling application with good ice water resistance and moisture resistance.

型号 Product code	外观 Appearance	软化点(环球法 /℃) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM8362	淡黄半透明块状 Light yellow transparent block	80-90	600-1600	130-160	20KG/箱/carton
HM8387	白色透明块状 White transparent block	80-90	600-1600	130-160	20KG/箱/carton



STRAW ATTACHMENT 吸管胶





吸管胶主要用于利乐包软胶的粘贴,加热过程中粘度低并且排放的气体气味低。所有的产品符合中华人民共和国环境标志产品技术要求(HJ/T2541-2015)。

It's formulated for tetrapak straw attachment with good pot stability and very low odor.

FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21CFR 175.105), All products pass Technical requirement for environmental labeling products (HJ/T2541-2015).

型号 Product code	外观 Appearance	软化点(环球法 /℃) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM8750	白色圆颗粒 White grain	90-100	1000-2000	140-160	20KG/袋/bag
HM8120	白色圆颗粒 White grain	90-100	1000-2000	140-160	20KG/袋/bag

| EISAI GLUE | 卫材用胶









HM6218 是专门为无纺布用品开发的结构胶,具有无色无气味,有较高的粘接力和内聚强度。 所有的原料均符合 FDA(美国食品及药品协会)条规 21CFR175.105 "粘合剂"。

建议操作条件:适用于标准热熔的多线条、螺旋喷胶、纤维喷胶等多种涂胶方式。

建议操作温度: 140℃ 至 160℃, 具体视机器、基材、 环境等其他条件而定。

贮存:须储存于40°C以下,干燥、阴凉的地方,存储期一年。

注意事项: 不要和其它粘合剂混合使用。热熔胶槽须盖紧,以防杂物掉入影响胶的性能。由于热熔胶使用时须加热,

需穿戴个人防护用品。

HM6317 是专门为无纺布用品开发的橡筋胶,具有无色 无气味,有较高的粘接力和内聚强度。 所有的原料均符合 FDA(美国食品及药品协会)条规 21CFR175.105 "粘合剂"。

建议操作条件:适用于标准热熔的多线条、螺旋喷胶、纤维喷胶等多种涂胶方式。

建议操作温度: 150°C 至 185°C, 具体视机器、基材、 环境等其他条件而定。

贮存:须储存于40°C以下,干燥、阴凉的地方,存储期一年。

注意事项: 不要和其它粘合剂混合使用。热熔胶槽须盖紧,以防杂物掉入影响胶的性能。由于热熔胶使用时须加热,

需穿戴个人防护用品。

GLUE FOR PURIFIER 净化器用胶

HM 净化器胶系列适合于净化行业过滤器 / 滤清器的成型粘合,适合的硬度和高粘合性能,能满足各厂家滤材的粘结需求;该产品具有极低的气味和优异的柔韧性,耐低温性能好,不易断裂;产品颜色具有特有的乳白色,与滤纸颜色匹配度高,成品成型美观。



- 强度高、柔韧性好
- 耐黄变、耐老化性强
- 粘结性强,工艺调整范围宽,生产稳定性强
- 产品操作性强,适合高速机生产,开机速度可达 20m/min 以上
- 玻纤纸在颜色上极度搭配,用其粘合成型的净化滤芯美观大方

形态	颜色	气味	粘度 (Brookfield)	软化点 (环球法)
颗粒	乳白色	淡	2000-3000mpas (180°C)	100-115°C





HM8718(H)

- 强度高
- 耐黄变、耐老化性强
- 胶流动性好,胶压低、有效延长胶机寿命
- 粘结性强,工艺调整范围宽,生产稳定性强
- 产品操作性强,适合高速机生产,开机速度可达 20m/min 以上
- 玻纤纸在颜色上极度搭配,用其粘合成型的净化滤芯美观大方



HM8181(聚烯烃)

- 柔韧性好、可围圆
- 耐黄变、耐老化性强
- 无味,适合家用产品,满足出口要求
- 粘结性强,工艺调整范围宽,生产稳定性强
- 胶的颜色与滤材匹配度高,用其粘合成型的净化滤芯美观大方



HM8216

HM8216 是一款阻燃性胶,阻燃等级为 UL94 标准中 V0 等级。

- 阻燃性好, V0 级阻燃耐黄变、耐老化性强
- 流动性好,不会堵塞滤网和喷嘴
- 具有较高的强度和较大的断裂伸长率
- 产品操作性强,适合高速机生产,开机速度可达 20m/min 以上

型号 Product code	外观 Appearance	软化点 (环球法 /°C) Softening point (Ring and Ball method)	粘度 (160°C /CPS) Viscosity(160°C / CPS)	操作温度 (°C) Operating temperature (°C)	包装规格 Packing
HM8718	水白色	103-108	2800-3500	140-160	20KG/ 袋 /bag
HM8718H	水白色	105-112	1700-2200	140-160	20KG/ 袋 /bag
HM8181	水白色	103-110	4600-5600	140-160	20KG/ 袋 /bag
HM8216	白色	110-120	6800-7800	150-170	20KG/ 袋 /bag
HM8782	水白色	110-120	6800-7800	150-170	20KG/ 袋 /bag



热熔胶 常见问题 未列明的问题及解决办法可向我司咨询

喷嘴或胶管堵塞

起因	解决办法
热熔胶太粘	提高温度或另采取低黏度热熔胶
产生碳化物或凝胶	清洁喷胶系统或降低温度、换胶
胶缸中有异物	清洁胶缸、规范化加胶

02 热熔胶起泡

起因	解决办法
热熔胶真空未做好	联系供应商、换胶
生产过程与包装未匹配	联系供应商、换胶
受潮	联系供应商、换胶

03 热熔胶凝胶

起因	解决办法
二种不相溶的胶混合	清洁胶缸、规范化换胶、找供应商
过热	降低温度、清洁胶缸、找供应商
热熔胶不稳定	清洁胶缸、找供应商

○4 热熔胶碳化

起因	解决办法
胶缸温度太高	降低温度
胶缸上盖	缸内胶添满,按技术文件规范添胶
热熔胶氧化	胶缸上盖
控制范围大、失控	检修或更换

05 热熔胶冒烟

起因	解决办法
操作温度过高	降低温度,找供应商
过热温度控制失控	更换失控元件,设备商
热熔胶稳定性太差热	规范化换胶,找供应商

06 粘接不好

起因	解决办法
上胶量不够或操作 温度偏低而导致热熔胶 主要在基材的一面	增加涂布厚度或提高温度
因为热熔胶在半熔融 状态时接着受到影响, 基材两面均有胶, 但有许多固化的细"脚"	检查压着是否良好, 降低操作温度, 或使用固化速度快的粘合剂
被粘接表面未接触或接触不好,热熔胶表面光滑	调整压力确保热熔胶 冷却过程基材接触良好
粘接易被分离。通常 是因为粘合剂选择不当	选择更合适的产品

UNDER GLOBAL TRADE & SERVICE NETWORK

全球销售服务网络

到目前为止,爱特科在全国各地和越南拥有 30 余个分公司、办事处及事业部,同时在俄罗斯、乌兹别克斯坦、印度、巴西等国家建立起我们的代理商网络,直接出口国家包括菲律宾、斯里兰卡、孟加拉、泰国、印尼、巴勒斯坦、俄罗斯、哈萨克斯坦、乌兹别克斯坦、埃及等,广阔的渠道覆盖让我们能随时随地为客户提供快捷、高效、稳定的专业服务和适合的胶粘剂应用解决方案。为了满足每位客户的独特需求,我们一直执着努力。

Currently I-TIBD has more than 30 branch officies and business units in China and Vietnam. I-TIBD has also established distribution channels within Russia, Uzbekistan, India and Brazil to name a few. I-TIBD also has established direct customers located in the Philippines, Sri Lanka, Bangladesh, Thailand, Indoensia, Pakistan, Russia, Kazakstan, Uzbekistan and Egypt. This allows I-TIBD to provide fast, effective and proffesional technical service to our wide customer base. We will work together with you to acheive your goals!







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