

风调雨顺始于环境保护，人寿年丰源于生态平衡。

绿色与生命时时相伴，环境与健康息息相关。

润航环保
RUNHANGHUANBAO

演绎自然

HEBEI RUNHANG ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD



河北润航环保科技有限公司

HEBEI RUNHANG ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD

地址：河北省泊头市郝村镇万寨村南陈路南侧

河北润航环保科技有限公司

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COMPANY PROFILE

» > 公司简介

河北润航环保科技有限公司座落于美丽的“中国铸造之乡、鸭梨之乡、汽车模具之乡、环保设备生产基地”-河北省泊头市,国家高新技术产业开发区,是集研发、设计、制作、大型滤布滤袋生产企业。

公司生产涤纶、防静电、防水防油、覆膜、混纺、氟美斯、美塔斯、PPS、PTFE、P84、中温迷特、亚克力、玻璃纤维等滤布、滤袋,也可根据客户要求设计生产。

我公司技术力量雄厚,配置了多条国内外先进生产线,使公司发展成为一个设备先进,工艺精良,产品种类繁多的多元化企业。我公司聚集了各类技术人才,高素质的管理人员和技术人员活跃在生产第一线,并且不断地与科研部门联合开发新技术新产品并将之推向市场,使“润航”始终保持良好的市场竞争力。

本厂以诚信为本,以质量求生存,以信誉求发展。我公司一贯在平等互利的基础上同国内外的客户建立长期友好的贸易关系,热烈欢迎中外客户来电来函来厂洽谈业务!



EXHIBITION EXCHANGE

» > 展会交流

公司生产的各类过滤产品覆盖全国28个省、市、自治区，并远销至美国、韩国、印度、俄罗斯等国家和地区，凭借一流的品质和周到的服务赢得了客户的赞誉。

All kinds of filtration products produced by the company have been sold in 28 provinces, municipalities and autonomous regions in China and exported to The United States, South Korea, India, Russia and other countries and regions, which win the praise of customers by virtue of first-class quality and good service.



印度展会



国际化工展



上海固废气展



台湾展会



防城港展会



无锡钢铁研讨会

R&D PRODUCTIVITY

» > 研发&生产能力

我们深刻的体会到，拥有持续的技术创造力对企业的长足发展意味着什么。在除尘滤袋、滤料这一高科技含量的领域，我们不但需要强大的自主研发实力，还必须借助更广泛的技术融合与成果转化。增进与国内外掌握核心技术企业的相互交流，使技术新成果能够更快地投入产品与市场。

We have deeply learned the influence of a sustained technical creativity on the rapid development. In the filed of dust filter bag and filter material with high-tech areas, we need not only a strong independent research and development strength, but also making use of more extensive technology integration and transformation of results, in order to enhance the exchanges with domestic and foreign companies owning core technology, so that new technology can be put into products and markets as soon as possible.



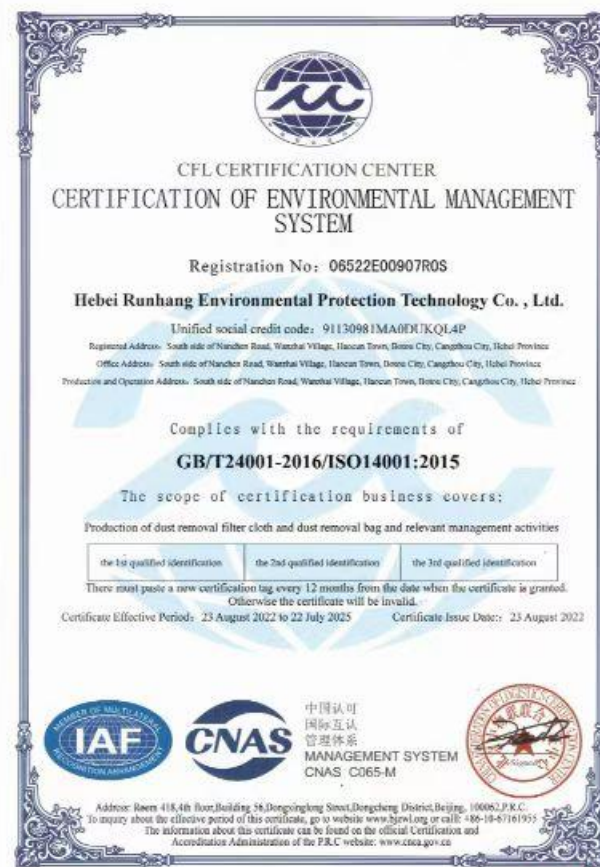
» > 资质荣誉





2022年版

No: 1842818



Version 2022

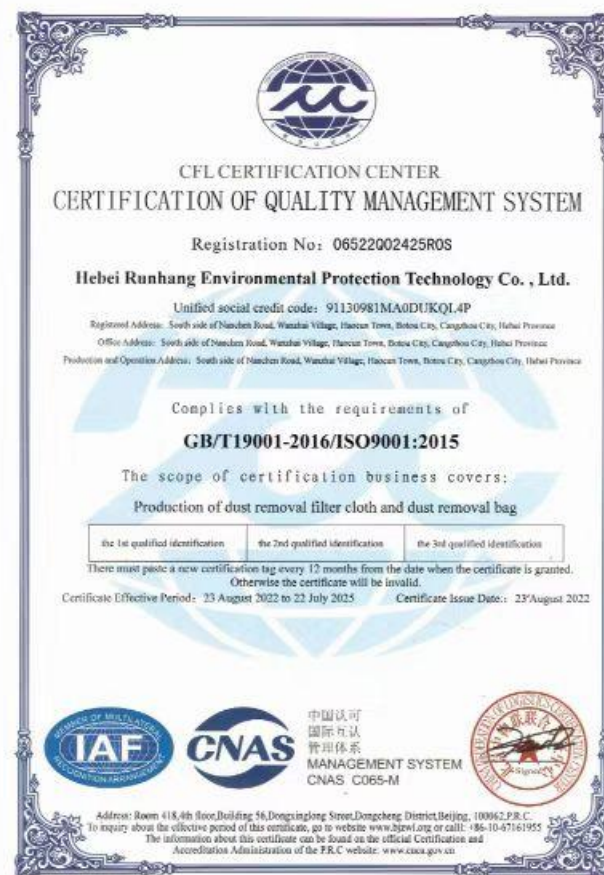
No: 1842818





2022年版

No: 1842819



Version 2022

No: 1842819

延期核准栏	
经申请，准予该企业安全生产许可证有效期延期三年。	延期核准机关（章） 年 月 日
自： 至：	
经申请，准予该企业安全生产许可证有效期延期三年。	延期核准机关（章） 年 月 日
自： 至：	

安全生产许可证 (副本)	
编号：(冀)JZ安许证字〔2020〕010578-1/2	单位负责人：王青竹
单位名称：河北润航环保科技有限公司	单位地址：河北省沧州市泊头市韩村镇万泰村南陈路南侧
经济类型：有限责任公司（自然人投资或控股）	许可范围：建筑施工
有效期：2020年11月17日至2023年11月17日	初次发证日期：2020年11月17日
发证机关：泊头市住房和城乡建设局 9468075 11月17日	

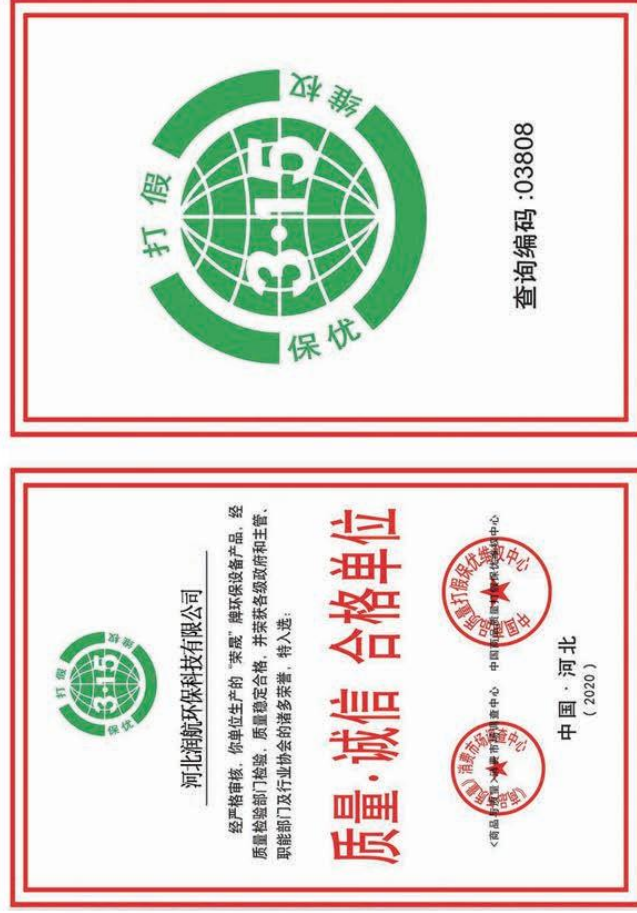
安全生产标准化 Work Safety Standardization	
证书 CERTIFICATE	
证书编号：冀AQBJX1201800115	
河北润航环保科技有限公司	
安全生产标准化二级企业 (机械)	
有效期至：2022年5月	河北省安全生产监督管理局章 2018年5月31日
二维码	国家安全生产监督管理总局监制 State Administration of Work Safety











省级

河北润航环保科技有限公司：

重合同守信用企业

ENTERPRISE OF OBSERVING CONTRACT & KEEPING PROMISE

河北省工商行政管理局

二零一零年九月十五日

河北质量诚信 AAA 级品牌企业

荣誉证书

河北润航环保科技有限公司：

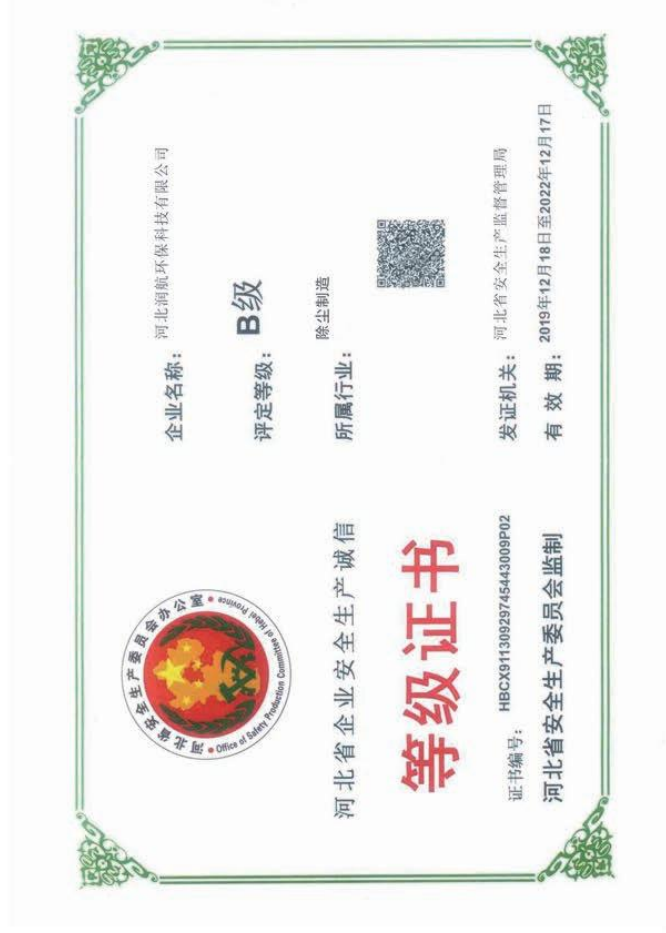
经联合评审，贵单位符合《河北质量诚信 AAA 级品牌会员企业评价条件》，荣获“河北质量诚信 AAA 级品牌会员企业”荣誉称号。

特颁此证！

证书编号：0311-12200365

官方网站：Http://www.cncxlm.com





荣誉证书

河北润航环保科技有限公司

No. 19090003

全国重点推荐诚信品牌单位



诚信监督单位：
中国保护消费者基金会打假工作委员会
品牌315网



生产、经销单位售后维修服务备案登记证

登记编号 130581000014743

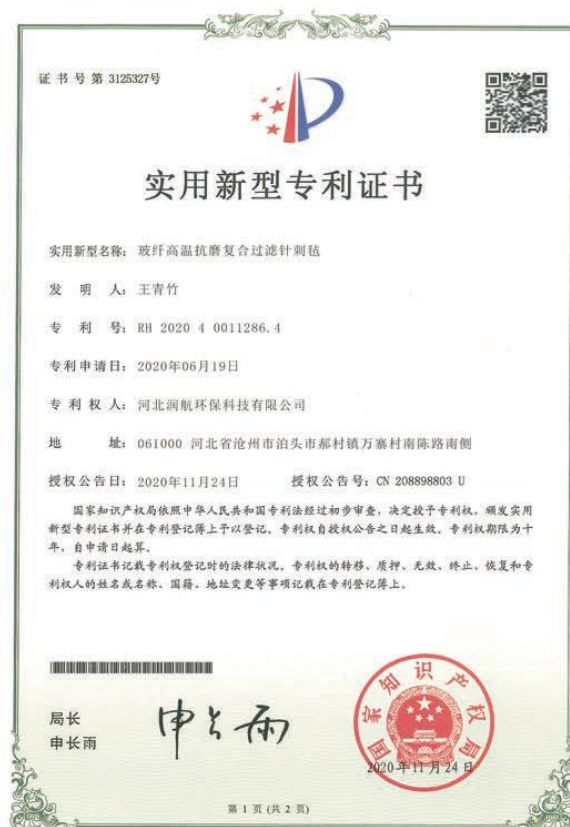
单位名称	河北润航环保科技有限公司
单位地址	河北省沧州市泊头市郝村镇万寨村南陈路南侧
法定代表人(负责人)	王青竹
售后服务管理机构名称	市工商局
负责人	
主要产品类别	除尘设备及配件、纺织产品设计、骨架、除尘布袋、滤袋橡胶制品。



登记机关

二〇一九年 十月 二十日

河北省工商行政管理局监制



证书号第8881542号



实用新型专利证书

实用新型名称：一种焦炉炉顶导烟装置

发 明 人：王青竹；穆朝晖

专 利 号：RH 2020 2 1694638.4

专利申请日：2020年02月19日

专 利 权 人：河北润航环保科技有限公司

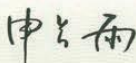
地 址：061000 河北省沧州市泊头市郝村镇万寨村南陈路南侧

授权公告日：2020年05月24日 授权公告号：CN 208898803 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。专利权期限为十年，自申请日起算。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 申长雨 



第1页(共2页)

其他事项参见背面

证书号第9583316号



实用新型专利证书

实用新型名称：一种新型脉冲布袋除尘器

发 明 人：王青竹；穆朝晖

专 利 号：RH 2020 2 1694697.7

专利申请日：2020年05月24日

专 利 权 人：河北润航环保科技有限公司

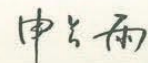
地 址：061000 河北省沧州市泊头市郝村镇万寨村南陈路南侧

授权公告日：2020年11月18日 授权公告号：CN 209596749 U

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专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 申长雨 



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其他事项参见背面

证书号第8883621号



实用新型专利证书

实用新型名称：一种移动式皮带小车

发 明 人：王青竹；穆朝晖

专 利 号：RH 2020 2 1694697.7

专利申请日：2020年06月23日

专 利 权 人：河北润航环保科技有限公司

地 址：061000 河北省沧州市泊头市郝村镇万寨村南陈路南侧

授权公告日：2020年11月24日 授权公告号：CN 208897141 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记，专利权自授权公告之日起生效，专利权期限为十年，自申请日起算。

专利证书记载专利权登记时的法律状况，专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 申长雨 

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其他事项参见背面

证书号第8881542号



实用新型专利证书

实用新型名称：静电除尘系统

发 明 人：王青竹

专 利 号：RH 2020 4 0147756.6

专利申请日：2020年04月19日

专 利 权 人：河北润航环保科技有限公司

地 址：061000 河北省沧州市泊头市郝村镇万寨村南陈路南侧

授权公告日：2020年10月24日 授权公告号：CN 208898803 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记，专利权自授权公告之日起生效，专利权期限为十年，自申请日起算。

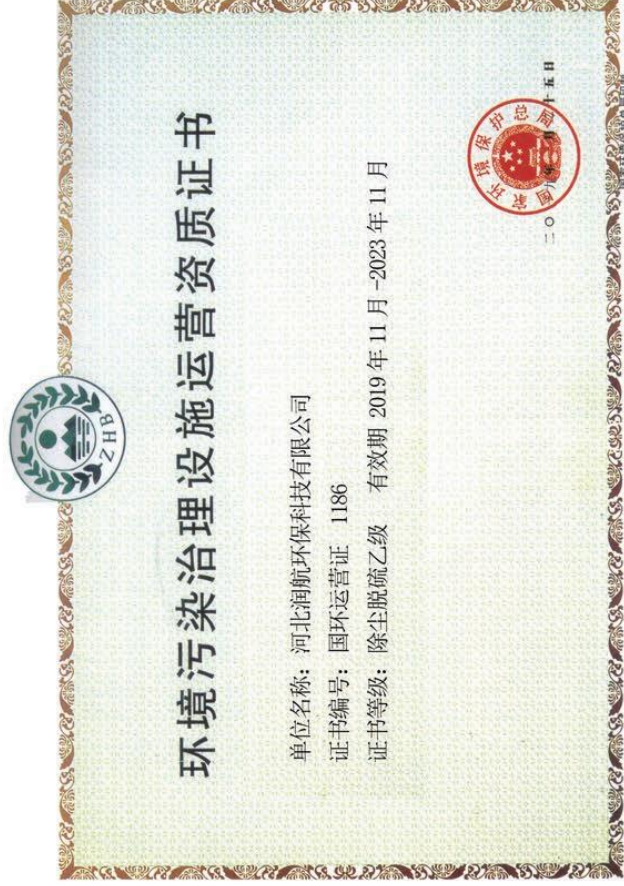
专利证书记载专利权登记时的法律状况，专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 申长雨 

第 1 页 (共 2 页)

其他事项参见背面



MARKETING NETWORK

>> > 营销网络



公司营销网络遍布全国，客户范围涵盖全国各大省、市、自治区的多个领域，已成为国内生产除尘滤袋、滤布的知名厂商，产品质量深得广大客户的认可与赞许。

The company's marketing networks are all over the country, the customers cover the major provinces, municipalities and autonomous regions in many areas, has become a well-known domestic leading manufacturer in production of dust filter bag and filter cloth, and the quality of its products has been recognized and praised by general customers.

COMPANY ACHIEVEMENTS

>> > 公司业绩

钢铁行业

宝钢股份
武汉钢铁
中冶集团
河钢集团
鞍钢集团
山钢集团
沙钢集团
南京钢铁
唐山钢铁
邯郸钢铁

攀钢集团
昆钢股份
中钢天澄
德龙钢铁
沧州中铁

电力、化工行业

华能集团
大唐集团
国电集团
凯迪电力
宁夏天瑞
天津陈塘热电
山东海化集团
浙江菲达环保
河南顺达化工
陕西陕焦化工

云南煤化工集团
内蒙古白雁湖化工

水泥行业

中联水泥
西南水泥
金隅水泥
山水水泥
天山水泥
同力水泥
蒙西水泥
金牛水泥
葛洲坝水泥
万年青水泥



涤纶针刺毡

POLYESTER NEEDLED FELT (PET)

公司选用不同细度涤纶纤维制成梯度型结构滤料，使该产品除具有普通毡类滤布特有的空隙度高、透气性好、集尘效率高、使用寿命长等优点外，其耐温等级适中，瞬间可达150℃，耐酸、耐碱适中，且具有非常好的耐磨性。克重从350g/㎡-600g/㎡，厚度从1mm-4mm，幅宽2.5米以下，我厂均可生产，并可分切至各种幅宽。

表面处理方式按照工况条件的不同要求，可进行烧毛、轧光、拒水防油、PTFE浸渍、涂层、覆膜等处理。



Polyester Needle Felt (PET):

Our company choose different fineness polyester fiber make into gradient type structure of filter material, make the product not only has the common felt high voidage, good air permeability, high dust collecting efficiency, long service life, but also moderate temperature rating, the moment can reach 150℃, moderate antacid and anti-alkali, and has very good abrasion resistance. Weight from 350 g/㎡ - 600g/㎡, thickness from 1mm to 4mm, width below 2.5 meters, such cloth our factory all could produce, and can be cut to various width, just as your mind request.

According to the different requirements of the different working condition, surface treatment can be done as singeing, calendaring, oil and water proof, PTFE impregnation, coating, laminating process etc.

涤纶防静电针刺毡

POLYESTER ANTI-STATIC NEEDLE FELT (PET-A)

我公司根据高炉煤气煤磨除尘和水泥厂煤磨除尘的特点及其他行业的需要开发并生产了防静电针刺过滤毡和滤布。生产防静电滤布除具有生产普通针刺毡的工艺外，在生产针刺毡的化学纤维中混入导电纤维或不锈钢导电材料，制成抗静电性能更加优异的防静电针刺毡。表面处理方式按照工况条件的不同要求，可进行烧毛、轧光、拒水防油、PTFE浸渍、涂层、覆膜等处理。



Polyester Anti-static Needle Felt (PET-A):

According to the characteristics of the blast furnace gas coal grinding dust and the cement plant coal grinding dust, and the needs of other industries, Our company had developed and produced the anti-static needled felt. The production of the anti-static cloth in addition to process with production of common needle punched felt, also need to mixed with the conductive fiber or the stainless steel conductive materials in the chemical fiber needle felt, make the anti-static acupuncture felt has more excellent anti-static performance.

According to the different requirements of the different working condition, surface treatment could be done as singeing, calendaring, oil and water proof, PTFE impregnation, coating, laminating process, etc.



中温针刺毡

MEDIUM TEMPERATURE NEEDLE FELT (MT)

一般的涤纶针刺毡的连续工作温度只能达到130℃，若工作温度超过130℃长时间运行，则其强力会损失很多，而且产生很大的收缩，使滤袋的尺寸发生变化，进而影响过滤效果。

我公司采用特殊工艺生产的中温针刺毡，是用玻璃纤维机织布做为基础，再配以优质涤纶（聚酯），PPS等纤维作面层，使其具有断裂强度高，断裂伸长小，热收缩率小，耐温适中等特点，从而满足了工作温度要求在150-170℃的工况需要。

按照工况条件的不同要求，我公司可对中温针刺毡做各种功能性处理，如拒水防油、PTFE浸渍、涂层、覆膜等。

Medium Temperature Needle Felt (MT):

The continuous working temperature of polyester needle felt generally only can reach 130℃, if the operating temperature is higher than 130℃ and would run for a long time, its strength will loss a lot, and could make a lot of shrinkage, change the filter bag sizes, and then affect the filtering effect.

Our company adopts the special craft production in medium temperature needle felt, glass fiber woven is used as fabric, and adding to the high quality of polyester (PET), PPS fiber as the surface layer, so it has the characteristics of high breaking strength, small breaking elongation, small heat shrinkage rate, moderate temperature resistance, to let it to meet the required working temperature as 150-170℃.

According to the different requirements of the different working conditions, our company could do various functional processing on the medium temperature needle felt, such as water and oil repellent, PTFE impregnation, coating, laminating and so on.

亚克力针刺毡

ACRYLIC NEEDLE FELT (DT)

在温度低于125℃时，该针刺毡显示出对有机溶剂、氧化剂、无机及有机酸具有良好的抵抗力。丙烯酸均聚体不会水解，因此在低温而有化学腐蚀及潮湿的场合用来取代聚酯。

按照工况条件的不同要求，我公司可对亚克力针刺毡做各种功能性处理，如拒水防油、PTFE浸渍、涂层、覆膜等。

Acrylic Needle Felt (DT):

When the temperature below to 125℃, this type needle felt will show to have good resistance to the organic solvents, oxidizing agent, inorganic and organic acid. Acrylonitrile polymer will not hydrolyze, and therefore in low temperature with the chemical etching and wet place to use as to replace the polyester.

According to the different requirements of the different working conditions, our company could do a variety of functional treatment on the acrylic needle felt, such as water and oil repellent, PTFE impregnation, coating, laminating and so on.



玻璃纤维针刺毡

GLASS FIBER NEEDLED FELT (GL)

玻璃纤维针刺毡是一种结构合理、性能较好的耐高温过滤材料。它不仅具有玻纤织物耐高温、耐腐蚀、尺寸稳定、伸长收缩率极小、强度高的优点，而且毡层纤维为细度为5-7微米左右的短纤维，三维微孔结构，孔隙率极高，对气体过滤阻力小，是一种较高速、高效的高温过滤材料。

与其它耐高温化纤维毡相比，具有价格低、耐温更高等特殊优点。但其运行阻力要高于一般化纤高温材料，过滤精度略低。玻璃纤维针刺毡，可广泛适用于化工、钢铁、冶金、炭黑、发电、水泥等各种工业炉窑的高温烟气过滤。适用于脉冲清灰及较高风速反吹清灰等各种袋式除尘器。

我公司可对玻纤针刺毡做各种功能性处理，如PTFE浸渍、涂层、覆膜等。



Glass Fiber Needled Felt (GL):

Glass fiber needled felt is a kind of reasonable structure, good performance of high temperature filter material. It not only has the advantage of the glass fiber fabrics, such as high temperature resistance, corrosion resistance, stable size, small elongation shrinkage, high strength, etc. but also the carpet fiber is the short fiber which fineness is just about 5-7 microns, three-dimensional micro-pore structure, high porosity, small filtration resistance for gas, it is a kind of high temperature filter material which with the high speed and the high efficiency.

Compared with other high temperature resistant chemical fiber felt, glass fiber needled felt has the special advantages of low price, higher temperature resistant. But the running resistance is higher than that of ordinary chemical fiber high temperature materials; the filtering precision is slightly lower. Glass fiber needled felt can be widely used in all kinds of industrial furnace with high temperature flue gas filtration, such as chemical industry, iron and steel, metallurgy, carbon black, power generation, cement. Suitable for pulse dust cleaning and high speed wind counter blowing and other kinds of bag type dust collector.

Our company can do a variety of functional treatment of the glass fiber needled felt, such as PTFE impregnation, coating, laminating and so on.

玻璃纤维复合针刺毡

GLASS FIBER COMPOUND NEEDLE FELT

我公司选用细旦的玻璃纤维和化学纤维（P84纤维、PTFE芳纶、PSA纤维的一种或两种以上）等进行混纺制成复合滤料。该产品具有耐高温、高强度、抗酸碱腐蚀、耐磨、抗折等特点，经过不同的表面化学处理与后整理技术，还具有易清灰、拒水防油、防静电等特点；并有适合150-200℃、200-250℃、250-300℃等不同温度段的系列产品。该类滤料与玻纤滤料相比，其耐磨性、抗折性及剥离强度有明显的提高，可承担高过滤负荷。过滤速度可达1.0m/min以上，运行阻力低。与合成化纤耐高温滤料相比，克服了化纤滤料伸长率大、变形大、耐温低、耐腐蚀性差的弱点，尺寸稳定性、强度更好，并且价格低于其他耐高温化学纤维，目前已广泛适用于钢铁、有色冶炼、化工、炭黑、建材、电力等部门。

Glass Fiber Compound Needle Felt:

Our company adopts fine glass fiber and chemical fiber (one or more than two kind material of the P84 fiber, PTFE, Aramid, PSA fiber) blended into them as the compound filter material. The product has the characteristics of high temperature resistance, high strength, resistance to acid and alkali corrosion, wear resistance, bending resistant, etc. After different chemical conversion treatment and finishing technology, it has the characteristics of easy cleaning, water and oil repellent, anti-static, and also could produce such filter felt to suitable for the 150-200℃, 200-250℃, 250-300℃ and different temperature period product use.

Compared to the glass filter material, glass fiber compound needle felt improves obviously in wear resistance, folding resistance and peel strength, can bear high load of filtration, filtration rate can reach more than 1.0 m/min, low running resistance. Compared with the synthetic temperature resistant, overcomes the weakness of the chemical fiber filter material of the large elongation, large deformation, low temperature resistance, poor corrosion resistance. Glass fiber compound needle felt has better dimensional stability and strength, and the price is lower than other high temperature resistant chemical fiber, glass fiber compound needle felt has been widely applied to the steel, nonferrous metal smelting, chemical industry, carbon black, building materials, electric power department.



P84纤维耐高温针刺毡

P84 FIBER HIGH-TEMPERATURE RESISTANCE NEEDLED FELT

P84纤维耐高温针刺过滤毡是我公司选用奥地利LENZING公司生产的聚酰亚胺纤维制成的。在沥青厂、水泥厂、废弃物焚烧炉、液床锅炉、燃煤锅炉等，已有长期使用P84纤维的经验。

按照工况条件的不同要求，我公司可对P84纤维耐高温针刺毡做各种功能性处理，如拒水防油、PTFE浸渍、涂层、覆膜等。

P84 Fiber High-Temperature Resistance Needled Felt (P84):

P84 fiber high-temperature resistance needled filter felt is made of polyimide fiber which produced by LENZING company in Austria. In the asphalt plants, cement plants, waste incinerators, fluid bed boiler, coal fired boiler, using the P84 fiber has a long experience.

According to the different requirements of the different working conditions, our company could do various functional processing on P84 fiber high-temperature resistance needled felt, such as water and oil repellent, PTFE impregnation, coating, laminating and so on.

芳纶纤维针刺毡

ARAMID FIBER NEEDLED FELT (MX)

我公司采用国际先进标准，用先进设备制造生产了芳纶耐高温针刺过滤毡，按照工况条件的不同要求，我公司可对芳纶耐高温针刺毡做各种功能性处理，如拒水防油、PTFE浸渍、涂层、覆膜等。

Aramid fiber needled felt (MX):

Our company adopts the international advanced standard and the advanced equipment to produce the Aramid high-temperature needled filter felt.

According to the different requirements of the different working conditions, our company could do various functional processing on Aramid high-temperature needled filter felt, such as water and oil repellent, PTFE impregnation, coating, laminating and so on.



PPS纤维针刺毡

PPS FIBER NEEDLED FELT (PPS)

PPS纤维针刺毡是我公司选用美国、日本等国生产的聚苯硫醚(PPS)纤维生产的过滤材料,为耐高温过滤材料的主要品种之一,PPS纤维针刺毡在以下场合的应用中性能卓越。

- 1、工作温度190℃,短时工作温度210℃,熔点285℃,极限氧指数34-35;
- 2、含氧量在15%或以下的场合均可适用;
- 3、烟道气中含湿气的场合。

PPS纤维具有强度的完整保持性和内在的耐化学性,可以在恶劣的环境中保持良好的过滤性能,并达到理想的使用寿命。在过滤燃煤锅炉、垃圾焚烧炉、电厂粉煤灰的集尘处理等脉冲清灰式除尘器中,PPS纤维过滤毡是理想的过滤材料,按照工况条件的不同要求,我公司可对PPS纤维针刺毡做各种功能性处理,如拒水防油、PTFE浸渍、涂层、覆膜等。



PPS Fiber Needled Felt (PPS):

PPS fiber needle felt is made of polyphenylene sulfide (PPS) fiber which produced by America and Japan, it is one of the main varieties of high temperature filter material. PPS fiber needled filter material performance excellence in the application of the following situations.

1. the working temperature of 190℃, short-time working temperature of 210℃, the melting point of 285℃, the limiting oxygen index 34-35;
2. the oxygen content in the 15% or the following situations can be used;
3. the place of flue gas containing moisture.

PPS fiber has the strength to keep the integrity and intrinsic chemical resistance, can maintain a good filter performance in the bad environment, and achieve the ideal life. PPS fiber filter felt is the ideal filter material in the dust treatment of filtering coal boiler, incinerator ash, dust processing and others pulse cleaning duster.

According to the different requirements of the different working conditions, we could do a variety of functional treatment of PPS fiber needle felt, such as water and oil repellent, PTFE impregnation, coating, laminating and so on.

PTFE纤维针刺毡

PTFE FIBER NEEDLED FELT (PTFE)

PTFE纤维针刺毡是一种化学性能及其稳定的纤维,其特点如下:

- 1、持续工作温度250度,瞬间温度280度;
- 2、完全不怕酸碱和氧化,几乎不可燃;
- 3、唯一不会老化的纤维;
- 4、满足最恶劣的工况,具有极长的使用寿命,通常使用寿命在三年以上。

100%PTFE针刺毡滤料主要应用在化工、垃圾焚烧、耐高温液体过滤等,在各种复杂的工况下保持良好的化学稳定性。



PTFE Fiber Needled Felt (PTFE):

PTFE fiber needle felt is a kind of chemical properties stability fiber; it's features are as follows:

1. the continuous working temperature is 250 degrees, the instantaneous temperature is 280 degrees;
2. totally not afraid of pH and oxidation, hardly inflammable;
3. one and only not aging fiber;
4. meet the worst condition, has the extremely long service life, usually life in three years.

100% PTFE needle felt filter material is mainly used in chemical industry, waste incineration, high temperature resistant liquid filtration, keeps good chemical stability in the complex condition.

宝德纶纤维高温复合过滤材料

PODLON FIBER HIGH-TEMPERATURE COMPOSITE FILTER MATERIAL

我公司生产的宝德纶纤维高温复合过滤材料,以宝德纶纤维作为滤料的主要成分,与其他超细纤维复合梳理成网,采用无纺布针刺工艺制造加工而成,整体进行了抗腐耐温处理,具有耐高温、抗腐蚀效果好、过滤精度高、使用寿命长等特点。目前广泛应用于袋式除尘器或电袋复合除尘器中,具有良好的经济效益和社会效益。该产品技术达到国内领先水平,2011年获得实用新型专利证书,2013年被授予发明专利,同年通过省级新产品投产鉴定。



Podlon Fiber High-Temperature Composite Filter Material (POD):

Podlon fiber high-temperature composite filter material produced by our company uses the Podlon fiber as the main component of filter material, and combining with other superfine fiber into the net, manufactured using non-woven needling process, carrying out corrosion resistant temperature treatment, Podlon fiber high-temperature composite filter material has the characteristics of high temperature resistance, good corrosion resistance effect, high filtration accuracy, long service life, etc.

Now widely used in the bag type dust remover or electric bag composite dust collector, and has good economic benefit and social benefit. This product technology has reached the leading domestic levels; this product obtained a utility model patent certificate in 2011, and was awarded the patent of invention in 2013, the same year through the provincial-level new products put into production appraisal.

芳纶纶PSA复合针刺过滤毡

PSA COMPOSITE ACUPUNCTURE FILTER FELT (PSA)

芳纶纶纤维是我国具有自主知识产权的高性能纤维,属于芳香族聚酰胺类分子材料,具有良好的耐热性、热稳定性、阻燃性还有良好的电绝缘性能、物理机械性能及化学稳定性。我公司生产的芳纶纶(FEL)复合针刺毡具有耐高温、耐腐蚀、透气性能优、阻力小,价格优惠等特点,被广泛应用于化工、钢铁、冶金、炭黑、发电、水泥等各种工业窑炉的高温烟气过滤中。该产品在市场上获得良好的口碑,连续两届被评为省名牌产品,且被国家知识产权局授予“国家发明专利”的荣誉称号。



PSA composite acupuncture filter felt (PSA):

PAS fiber is a high performance fiber with independent intellectual property rights in China, belongs to the aromatic poly amide molecular material, has excellent heat resistance, thermal stability, flame resistance and good electrical insulation properties, physical and mechanical properties and good chemical stability.

The polysulfonamide (FEL) compound needle felt produced by our company has the advantages of high temperature resistance, corrosion resistance, excellent air permeability, small resistance, price concessions and so on. The polysulfonamide (FEL) compound needle felt is widely used in all kinds of industrial furnace in high temperature flue gas filtration, such as chemical industry, iron and steel, metallurgy, carbon black, power generation, cement. The products have a good reputation in the market, for two consecutive years was rated as brand-name products, and awarded "national invention patent" the honorary title by the State Intellectual Property Bureau.

PTFE覆膜滤料产品介绍

聚四氟乙烯 (PTFE) 薄膜表面光滑且耐化学物质, 将其覆合到普通过滤材

料的表层, 起到了一次性粉尘层的作用, 经粉尘全部截留在膜的表面, 实现表

层过滤; 又因该薄膜表面光滑, 有极佳的化学稳定性, 不老化, 又憎水, 使截

留在表面的粉尘很容易剥落, 同时提高了滤料的使用寿命。

与普通滤料相比, 其优点有:

1. 薄膜孔径在0.2-3μm之间, 过滤效率均能达到99.99%以上, 几乎实现

零排放。清灰后不改变孔隙率, 除尘效率一直很高。

2. 覆膜滤料在开始使用时, 压力损失要高于普通滤料, 但在投入运行后, 压力损失随使用时间的增加变化却不大, 而普通滤料的压力损失会随时间的延

长而越来越大。

3. 普通滤料在使用中粉尘很容易进入到内部, 而且越积越多, 直到将孔隙堵死, 导致不能继续使用。而使用PTFE覆膜

滤料, 过滤的粉尘很容易从膜表面清除, 清灰效果好, 周期长, 使用的清灰压力强度较低, 从而提高了滤料的使用寿命, 降低了产品的运行费用。

我们公司选用优质PTFE微孔薄膜, 通过热合复合在针刺毡的表面制成PTFE覆膜滤料, 广泛应用于烟气净化除尘, 粉尘治

理及物料回等领域。

PTFE Coated Filter Material

Plytetrafluoroethylene (PTFE) films has smooth surface and chemical substances, laminated it to common filter material surface, it plays the role of disposable dust layer, through the dust entraps on the surface of film , realizes surface filtration; and because of the thin film surface is smooth, and has excellent chemical stability, non aging, and hydrophobic, making the dust intercepted in the surface peels off easily and improves the service life of filter material.

Compared with ordinary filter material, PTFE coated filter material has the following advantages :

1、The aperture of thin film is between 0.2-3μm , the filtration efficiency can reach more than 99.99%, almost realizes zero emissions. Do not change the porosity after deashing; the dust removal efficiency is always high.

2、When the membrane filter material is used in the beginning, the pressure loss was higher than that of ordinary filter material, but in the operation, the pressure loss with the increase of using time changes little, and the pressure loss of the ordinary filter will increase bigger and bigger with the increase of using time.

3、The dust of ordinary filter material in use is easy to into the interior, and accumulate , until blocks the pore, leading to not be able to continue to use. While the use of PTFE membrane filter material, it is easy to clean up the dust filter from the membrane surface, well cleaning, long cycle, small cleaning pressure intensity, thereby improving the service life of filter material, reducing the running cost of the product.

Our company select high quality PTFE micro porous film, overbites with woven filter and needle punched felt, then makes into PTFE coated filter material, it is widely used in the fields of flue gas purification and dust removal, dust control and material recovery .



润航环保系列针刺滤料技术参数及适用领域

产品名称 Product Name	滤料材质 Filter Material	克重 Weight g/㎡	厚度 Thickness mm	透气量 Air Permeability m³/m²/min	断裂强度(N/5cm×20cm) Breaking Tenacity N/5×20cm		断裂伸长 Elongation (%)		使用温度(℃) Working Temperature	
					经向 Warp	纬向 Weft	经向 Warp	纬向 Weft	连续 Continuous	瞬间 Instant
PET/PET500	涤纶PET	500±5%	1.8±10%	12	>1200	>1600	<30	<45	130	150
PET/PET500EF	涤纶PET	500±5%	1.8±10%	12	>1000	>1600	<30	<45	130	150
PET/GL700	中温MT	700±5%	2.2±10%	8-12	>1000	>1500	<10	<10	150	170
DT/DT500	亚克力DT	500±5%	2.2±10%	8-12	>800	>1000	<30	<45	140	160
GL/GL900	玻纤GL	900±5%	3.5±10%	8-15	>1800	>1800	<10	<10	260	300
P84/PTFE900	P84, PTFE, PSA合成	850±5%	3.5±10%	8-15	>1800	>1800	<10	<10	220	260
PI/PI500	聚酰亚胺PI	500±5%	2.2±10%	8-15	>800	>1000	<25	<45	260	280
MX/MX500	芳纶MX	500±5%	1.8±10%	10-15	>900	>1200	<25	<45	204	240
PPS/PPS500	聚苯硫醚 PPS	500±5%	1.8±10%	10-15	>900	>1200	<25	<45	190	210
PTFE/PTFE700	聚四氟乙烯PTFE	700±5%	1.3±10%	10-12	>700	>800	<10	<10	250	280
POD/POD500	宝德纶POD	550±5%	2.0±10%	10-12	>900	>1000	<45	<55	250	270
PSA/PSA500	芳腈纶PSA	550±5%	3.5±10%	10	>900	>1000	<45	<55	260	280
后处理方式 Finish treatment		烧毛 (singeing), PTFE涂层 (PTFE coating), PTFE浸渍 (PTFE steeping), PTFE覆膜 (PTFE laminating), PTFE浸渍 (PTFE steeping),								
应用领域 Application field		电热行业 (electric heating industry), 垃圾焚烧 (waste incineration), 钢铁行业 (iron and steel industry), 建材行业 (architectural material industry), 化工行业 (chemical industry), 水泥厂 (cement plant)								
材料代码 (The code of the material);		涤纶 (polyester)-PET, 聚苯硫醚 (polyphenylene sulfide)-PPS, 聚四氟乙烯 (tetlon)-PTFE, 导电碳纤维 (conductive staple fiber)-PI, 丙纶 (polypropylene)-PP, 芳纶 (aramid)-MX/NOVEX, 玻璃纤维 (fiberglass)-GL, 不锈钢纤维 (stainless steel fiber)-SSP, 芳腈纶 (polyacrylonitrile)-PSA, 亚克力 (acrylic)-DT, 聚酰亚胺 (polyimide)-PI/P84, 超细纤维 (ultrafine fiber)-MPS, 芳酰胺 (polyamidoamide)-PSA								
表面处理代码 (The code of the surface treatment);		单面烧毛 (single face singeing and calendaring)-A1, 双面烧毛 (double face singeing and calendaring)-A2, PTFE涂层 (PTFE coating)-T1, PTFE浸渍 (PTFE steeping)-T2, 拒水防油处理 (water and oil proofing)-T3, 阻燃处理 (flame retardant treatment)-Z1, PTFE覆膜 (PTFE laminating)-F1								

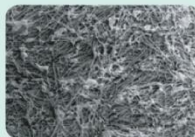
润航环保 系列针刺滤料技术特点

1、烧毛压光处理

我司选用具有牵伸作用的烧压设备，经过牵伸过后的针刺毡再进行烧毛和压光，处理后的针刺毡滤料单面和双面具有普通烧毛和压光处理无可比拟的优势，既提高了滤料的清灰性能，也保证了滤料的高过滤精度和低压差的过滤性能。

Singeing and calendaring treatment

We select the singeing and calendaring equipment with the effect of drafting, after drafted, then singeing and calendaring. The single and double sided have unparalleled advantage than the normal singeing and calendaring way, its not only improved the cleaning performance, but also ensure the high filtering accuracy and low dropout performance.



单面烧毛示意图
Single-side singeing schematic drawing



单面压光示意图
Single-side calendaring schematic drawing

2、防水防油处理

我司对针刺毡滤料采用碳氟树脂和PTFE浸渍处理的防水防油处理，其对湿含尘气体（尤其对吸水性、潮解性粉尘）滤袋的表面更易捕集粉尘，避免减轻糊袋现象发生。

Water and oil proof treatment

Our company apply with fluorocarbon resin and PTFE dipping treatment, it easy capture dust on the surface of the filter bags with the wet gases (especially water absorption, deliquescence of the dust), thus prevent and mitigate paste bags of phenomenon.

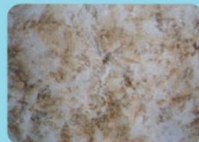


3、易清灰处理

我司采用先进的设备生产的易清灰针刺毡滤料本身致密而透气，具有良好的清灰性能，且可以在较高的过滤风速下长时间工作。

Easily dedusting treatment

Our company produced easily dedusting needle felt filter material, itself is densification and ventilation, it have good cleaning performance, and can work for a long hours in the high filtered wind speed.

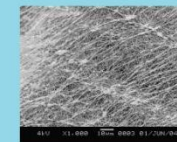


4、PTFE覆膜处理

当粉尘的粒径小于1微米，或粉尘具有很大的粘性，或含气体温度较大时，普通滤料无法有效地过滤。以聚四氟乙烯为原料的覆膜原料，具有过滤精度极高，表面光滑，不会粘附粉尘，容易清灰粉尘不会渗透到滤料内部，实现表面过滤。

PTFE with the membrane treatment

When the dust particle size less than 1 micron, or dust with a very viscous, or with gas humidity, the general filter material can not effectively filtrate. The PTFE membrane filter material have high filtering accuracy, smooth surface, no adhesion of dust, easily dedusting and the dust does not penetrate into the filter inside to achieve the surface.

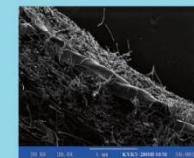


5、超细纤维处理（用于超细粉尘颗粒分离的滤料）

我公司在常规针刺毡的表面加上一层超细纤维，使得针刺毡的过滤由深度过滤转化为表层过滤，同时不增加滤料的阻力，实现对PM2.5的过滤。该产品具有以下特点：①高效率：超细纤维提高了对细小颗粒的捕捉能力。使滤料具有更高的过滤效率；②大流量：独特的多层复合设计，在提高过滤效率的同时又能满足除尘器的要求；③长寿命：独特的多层符合设计，实现了梯度过滤，更有效地捕捉粉尘，从而大大提高了清灰效果。

Microfiber treatment (use for the ultrafine dust separate type filter felt)

Our company adds a layer of the microfiber on the surface of the conventional needle felt, makes the needle felt filter transformation by depth filtration as surface filtration, and does not increase the filter resistance, realizes the filtration of PM2.5 filter. The product has the following features: ① high efficiency: microfiber improves the efficiency of fine particles capture ability. The filter material has higher filtration efficiency; ② large flow: The unique design of multilayer composite, At the same time of improving the efficiency of filtering and can meet the requirements of dust collector; ③ long life: The unique design of multilayer composite, realizes the filter of gradient, effectively catches dust, thus greatly improving the cleaning effect.



袋笼系列

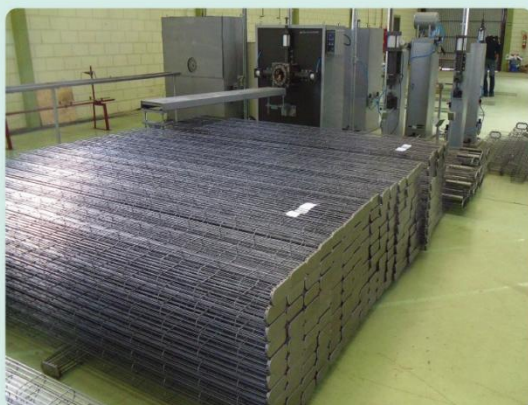
BAG CAGE SERIES



袋笼是滤料的肋骨，它应轻巧，便于安装和维护，框架的质量直接影响滤袋的状态和使用寿命。我司引进先进的框架制造设备，制造的每一只袋笼都能符合轻巧、光滑、挺直的要求。

Bag Cage is the rib bone of the filter, and it should be light, easy to install and maintain. The quality of the framework directly impacts the filtering state of the filter bag and its service life. Our company introduced advanced manufacturing equipment to make each keel light, smooth and straight.

袋笼生产线 Bag Cage Production line



DETECTION EQUIPMENT

检测设备



完整的检验设备，先进的测试手段是产品质量的保证。我厂拥有先进的测试仪器，可以对新旧过滤材料的机械、物理性能及其抗化学性能进行检测，并对过滤材料的综合性能进行评估，最大程度上保证我们产品的各项技术指标，为用户提供正确及权威的检测报告。

Complete testing equipment, advanced testing techniques is the guarantee of product quality. Our factory has advanced testing equipment, can be old and new filter material of mechanical, physical properties and chemical resistance were detected, and the comprehensive performance of filter materials are evaluated, the greatest degree guarantee each technical index of our products, the test report to provide correct and authority for the user.



设备

展示

Equipment Exhibition

只有先进的技术设备才能打造精品中的精品，我们不断从科技发展的大潮中发现并汲取先进的信息，积极追踪世界前沿技术引进高端设备，全面提高产品科技含量。



Only advanced technology and equipment to create a boutique in the boutique, we continuously from the development of science and technology in the tide of found and learn advanced information, actively tracking the world advanced technology introduction of high-end equipment, improve product technology content.



BLUE SKY GROUP

SUPPLIER SUPPORT SYSTEM

供应商支持体系



润航 为保证产品的原材料品质，与奥地利蓝精纤维公司(LENZING)、美国杜邦公司、日本帝人公司、奥地利英太纤维公司(INSPEC)、日本东洋纺(TOYOBO)公司、日本东丽(TORAY)、德国罗地亚公司等国内外纤维制造商建立了稳定的供应渠道，保证了润航产品原材料供应的可靠性和稳定性。

Run Hang group in order to ensure product quality of raw materials, and the Austria blue fibers company (LENZING), DuPont Co, Japan Teijin company, Austria English too Fiber Company (INSPEC), Japan Toyobo (TOYOBO) company, Dongli of Japan (TORAY), a German Rhodia Inc and other domestic and foreign fiber manufacturers to establish a stable supply channels. Ensure that the Run Hang of product of raw material supply reliability and stability.

ENGINEERING APPLICATION

工程应用



环境与发展是全人类共同关注的问题。中国作为正处于高速工业化和城市化进程中的世界上最大的发展中国家，环境形势仍十分严重。因此，润航 全体员工要进一步努力，不断开发新产品，使润航牌滤材在改善大气环境方面应用更多、更广、更好。

Environment and development are the common concern of the whole human problems. Chinese as is in a rapid industrialization and city in the process of urbanization of the world's largest developing country, the environmental situation is still very serious. Therefore, the Run Hang environmental protection group staff to further efforts, and constantly develop new products, the Run Hang brand filter to improve the atmospheric environment applications, a wider, more better.



SERVICE SYSTEM 服务体系



1. 工况分析与检测
Analysis and testing conditions

2. 提供全面的解决方案
Supply Comprehensive Solutions

3. 客户确认方案
Customers confirmation

4. 滤袋图纸设计与实样确认
The filter bag drawing design and sample confirmation

5. 滤料/滤袋生产全程QC管控
QC control the whole production with filter material/bag

6. 安装、技术指导与服务
Installation, technical guidance and service

7. 滤袋应用跟踪与服务
Application tracking and services of filter bag

润航始终：快速、科学、有效、满意为服务宗旨

- 1、快速：技术咨询第一时间回复、书面8小时内回复、24小时内上门服务；
- 2、科学：以实事求是态度，对各种除尘工况给出科学的调查与分析；
- 3、有效：根据上述除尘工况科学调查与分析，得出有效的除尘解决方案；
- 4、满意：客户满意始终作为我们服务的追求目标。

RUN Hangalways with fast, scientific, effective and satisfactory as service tenet

- 1、Fast: the first time reply technical advice, reply with writing in 8 hours, on-site service in 24 hours;
- 2、Scientific: to give scientific investigation and analysis in various dust conditions with practical attitude;
- 3、Effective: with the above scientific investigation and analysis to give effective dedusting solution;
- 4、Satisfactory: Customer satisfaction has always been our pursuit goal.

营销网络 Marketing network



BLUE SKY GROUP