



山东新高工业有限公司从2009年在山东省威海市开始无纺布和过滤器的生产和销售，占地60亩，主要生产车用空调过滤器，空气净化器用过滤器等净化生活环境的产品。沿用在日本有50年以上无纺布生产历史的新和株式会社的生产经验，力求以精细的技术为依托，生产出高质量的无纺布和车用空调过滤器。山东新高工业有限公司是外商独资企业，公司成立于2009年7月6日，位于山东省威海市临港地区，主要从事无纺布和过滤器的开发，生产，销售。公司相继取得了ISO9001/14001认证及汽车行业IATF16949的认证，公司拥有无纺布及过滤器的先进技术，严格的生产管理流程，产品80%以上出口，主要销往美国，印度，韩国日本等多个国家的汽车空调系统厂商，及重庆，上海，广州等国内的主要汽车空调系统厂商，深受客户好评，目前已为汽车市场提供2000万以上的汽车空调过滤器。

Shandong Xingao Industrial Co., Ltd. has been producing and selling non woven fabrics and filters in Weihai City, Shandong Province since 2009. Covering an area of 60 acres, it mainly produces products that purify the living environment, such as automotive air conditioning filters and air purifier filters. Based on the production experience of Shinwa Corporation, which has over 50 years of non-woven fabric production history in Japan, we strive to produce high-quality non-woven fabrics and automotive air conditioning filters with precision technology as the foundation. Shandong Xingao Industrial Co., Ltd. is a wholly foreign-owned enterprise established on July 6, 2009, located in Lingang District, Weihai City, Shandong Province. The company mainly engages in the development, production, and sales of non-woven fabrics and filters. The company has successively obtained ISO9001/14001 certification and IATF16949 certification in the automotive industry. The company has advanced technology in non-woven fabrics and filters, strict production management processes, and more than 80% of its products are exported, mainly to automotive air conditioning system manufacturers in multiple countries such as the United States, India, South Korea, and Japan, as well as major domestic automotive air conditioning system manufacturers in Chongqing, Shanghai, Guangzhou, and other countries. It has received high praise from customers and currently provides over 20 million automotive air conditioning filters for the automotive market.

【公司特点】 Company Features

多方位开发, 种类齐全 优质材料 高品质管控

Multi directional development, complete variety, high-quality materials, and high-quality control

根据客户的需求和要求，从原材料开始选择，多方位开发，各工序管控，最终制造出满足顾客要求的产品。公司拥有设计开发团队，生产工艺团队和质量管控团队。从无纺布的生产到过滤器的设计开发，公司内可独立完成。同时，公司沿用日本的质量管控方式，严格把控每个工序的品质。

- Based on customer needs and requirements, starting from raw materials selection, multi-dimensional development, various process control, and ultimately manufacturing products that meet customer requirements.
- From the production of non-woven fabrics to the design and development of filters, the company can independently complete them internally.
- At the same time, the company adopts the Japanese quality control method and strictly controls the quality of each process.



一体化 (All in one Filter Manufacturing Process)



原棉采购

(Staple)



无纺布生产

(Non-woven Product)



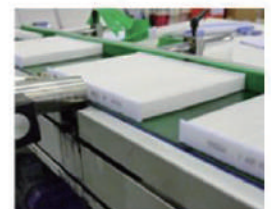
无纺布附加加工
活性炭无纺布复合加工

(Activated Carbon & Other Process)



折曲加工

(Pleating Process)



过滤器加工

(Filter Manufacturing Process)



山东新高工业有限公司

Shandong Xingao Industry Co., Ltd (SXI)

neofil[®] 中高性能Grade

空气质量是影响我们健康的重要因素，研究表明，我们汽车车厢内的空气污染浓度远远大于室外空气，空气中的污染物，如花粉、真菌孢子、灰尘污垢随着进气口进入车厢内，可引发哮喘、过敏、头痛、恶心、疲劳和眩晕；新高空调滤清器能有效减少污染物通过采暖通风和空调系统进入您的爱车，带来更清洁的车内环境，为您和您的家人、朋友健康保驾护航，防止吸入对身体有害的污染物。

Air quality is an important factor affecting our health. Studies have shown that the concentration of air pollution in our car compartments is much higher than in outdoor air. Pollutants in the air, such as pollen, fungal spores, dust, and dirt, enter the compartment through the air intake and can cause asthma, hypersensitivity, headache, nausea, fatigue, and dizziness; The new high air conditioning filter can effectively reduce the entry of pollutants into your car through heating, ventilation, and air conditioning systems, bringing a cleaner interior environment, protecting your and your family and friends' health, and preventing the inhalation of harmful pollutants.

单层品过滤器 (Particle Filter)



特点

1. 使用了烯烃纤维并增加了阻燃纤维在阻燃的同时采用特有的充电工艺，增加吸附灰尘和污染物的效率。
2. 通过在无纺布自身形成粗密结构的特殊制法，实现长寿命化
3. 纤维彼此粘结，因此不使用粘着剂，在保护环境的前提下还能附加其他功能。

Features :

1. The use of olefin fibers and the addition of flame-retardant fibers adopt a unique charging process while flame retardant, increasing the efficiency of dust and pollutant adsorption.
2. By using a special method of forming a coarse and dense structure on the non-woven fabric itself, it achieves longevity
3. The fibers are bonded to each other, so no adhesive is used, and other functions can be added while protecting the environment.

高性能熔喷复合过滤器 (High Efficiency Particle Filter)



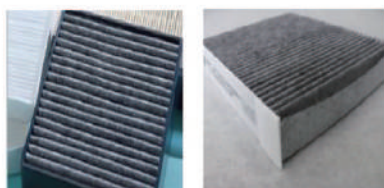
特点

1. 使用驻极加工无纺布并与熔喷无纺布复合，实现进一步性能的提高。
2. 根据用途，可以附加功能性（抗菌、抗病毒、抗过敏等）。
 - 抗菌型过滤器：金黄色葡萄球菌、大肠杆菌
 - 抗病毒过滤器：流感病毒（H1N1）
 - 抗过敏过滤器：杉树花粉，螨虫，狗毛菌，猫毛菌

Features :

1. Use electrostatically processed non-woven fabric and composite it with melt blown non-woven fabric to further improve performance.
2. Depending on the purpose, additional functionalities (antibacterial, antiviral, anti allergic, etc.) can be added.
 - Antibacterial filters: Staphylococcus aureus, Escherichia coli
 - Antiviral filter: Influenza virus (H1N1)
 - Anti allergic filters: cedar pollen, mites, dog hair fungus, cat hair fungus

活性炭过滤器 (Activated Carbon Filter)



特点

1. 使用进口活性炭，能够很好的吸附难闻的气味，以及汽车尾气中的氮氧化物和硫氧化物等。
2. 可以制作包括酸性，碱性，中性，醛类，混合型活性炭。
3. 单位体积过滤介质面积大，除臭效率高。
4. 可与单独的过滤器滤纸组合，提供各种附加功能。

Features :

1. Using imported activated carbon can effectively absorb unpleasant odors, as well as nitrogen oxides and sulfur oxides in car exhaust.
2. It can produce activated carbon that includes acidic, alkaline, neutral, aldehydes, and mixed types.
3. The filtration medium has a large area per unit volume and high deodorization efficiency.
4. It can be combined with separate filter paper to provide various additional functions.

注塑型过滤器 (Molded Air Filter)



特点

1. 拥有自己的注塑成型机，可以根据客户的指定尺寸进行定制。
2. 外形更牢固，保持形状不变形，安装更方便。
3. 可以附加抗病毒，抗菌，防霉，抗过敏等性能。

Features :

1. Have your own injection molding machine, which can be customized according to the customer's specified size.
2. The appearance is more sturdy, maintaining the shape without deformation, and installation is more convenient.
3. It can have additional properties such as antiviral, antibacterial, anti mold, and anti allergic properties..

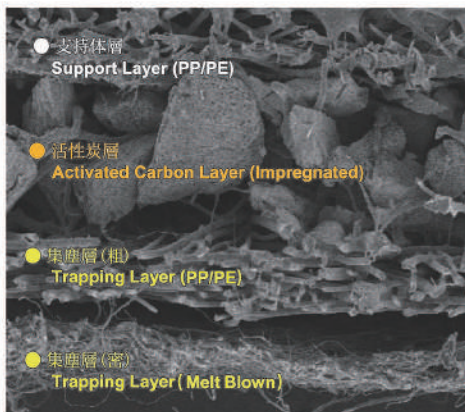


neofil® 活性炭Filter

汽车空调活性炭滤清器是一种专门用于汽车车厢内空气净化的过滤器。采用高效吸附材料活性炭与长丝无纺布复合的活性炭复合滤布；结构紧凑，能有效过滤烟臭、花粉、尘埃、有害气体和各种异味。同时能够过滤出空气中所包含的杂质，微小颗粒物、花粉、细菌、工业废气和灰尘，防止这类物质进入空调系统破坏空调系统，给车内乘用人员良好的空气环境，保护车内人员的身体健康还可以防止玻璃雾化。

The activated carbon filter for car air conditioning is a filter specifically designed for purifying air in car compartments. Activated carbon composite filter cloth composed of high-efficiency adsorption material activated carbon and filament non-woven fabric; Compact structure, capable of effectively filtering out smoke, pollen, dust, harmful gases, and various odors. At the same time can filter out the impurities contained in the air, tiny particles, pollen, bacteria, industrial exhaust and dust, to prevent such substances from entering the air conditioning system to damage the air conditioning system, to give the car occupants a good air environment, to protect the health of the car occupants, but also to prevent the glass from fogging.

高性能・低压损活性炭过滤器 (Activated Carbon Filter)



特点

1. 使用了斯里兰卡进口活性炭能够很好发挥活性炭吸附气体的功能。
2. 可以根据客户的要求定制碱性、酸性、醛类、混合型活性炭等种类的滤清器。
3. 可以附加抗过敏、抗菌、抗病毒 (H1N1) 等功能。
4. 成功开发了以DN8为首的高性能活性炭滤清器。

Features :

1. The use of Sri Lanka imported activated carbon can be very good to play the function
2. Alkaline, acid, aldehydes, mixed activated carbon and other types of filters can be customized according to customer requirements.
3. It can be attached with anti-allergy, anti-bacterial and anti-virus (H1N1) functions.
4. Successfully developed high-performance activated carbon filters, including the DN8.

Items		従来(Old)	UPGRADE 现行(NEW)
Nonwoven Fabric		Activated Carbon MB_E10	Activated Carbon MB_E11
Pressure Drop (Pa)	300 CMH	≤125Pa	≤85Pa
	600 CMH	≤220Pa	≤220Pa
Dust Collecting Efficiency (%)	0.3~0.5 μm	≥ 85	≥ 95
	1.0~3.0 μm	≥ 93	≥ 97
Absorption Efficiency (%) (DIN71460-2)	N-Butane (1min & 5min)	≥ 40/20	≥ 55/30
	Toluene (1min & 5min)	≥ 50/55	≥ 65/60
	SO2(1min & 5min)	≥ 50/30	≥ 65/35
Absorption Efficiency (%) (1m ³ Chamber @5min)	Acetaldehyde	≥ 60	≥ 70%
	Xylene / Benzene	≥ 65	≥ 80%

表1. 抗螨虫实验结果

样品	过敏物质量 (ng)	过敏物质降低率 (%)
无药剂材料	880	7
①药剂量少	4	99
②药剂量多	2	99
液体过敏物	950	-

* (基准的过敏物质量-评价液体的过敏物质量) / 基准过敏物质量×100

表2. 抗杉树花粉的实验结果

样品	过敏物质量 (ng)	过敏物质降低率 (%)
无药剂材料	12.1	7
①药剂量少	0.1	99
②药剂量多	0.1	99
液体过敏物	13.0	-

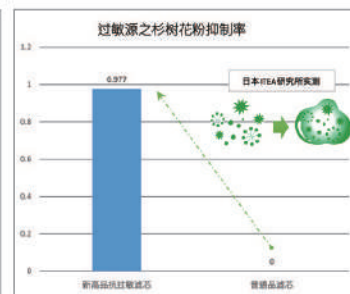
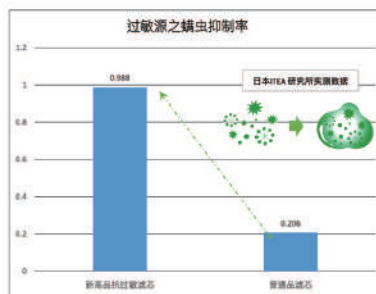
* (基准的过敏物质量-评价液体的过敏物质量) / 基准过敏物质量×100

特点

1. 拥有自己的注塑成型机，可以根据客户的指定尺寸进行定制。

Features :

1. Have your own injection molding machine, which can be customized according

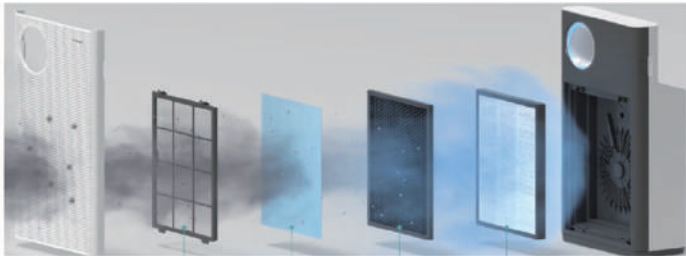


山东新高工业有限公司

Shandong Xingao Industry Co., Ltd (SXII)

neofil® 空气净化器Filter

【家用空气净化器】



随着大自然环境的变化带来的一系列的空气污染、使之生存环境更加严峻、所以更多的家庭开始使用空气净化器。空气净化器又称“空气清洁器”、空气清新机、净化器、是指能够吸附、分解或转化各种空气污染物（一般包括PM2.5、粉尘、花粉、异味、甲醛之类的装修污染、细菌、过敏原等）、有效提高空气清洁度的产品、主要分为家用、商用、工业、楼宇。

With the changes in the natural environment leading to a series of air pollution, the living environment has become more severe, so more families are starting to use air purifiers. Air purifiers, also known as "air purifiers", air fresheners, or purifiers, refer to products that can adsorb, decompose, or convert various air pollutants (generally including decoration pollutants such as PM2.5, dust, pollen, odors, formaldehyde, bacteria, allergens, etc.), effectively improving air cleanliness. They are mainly divided into household, commercial, industrial, and building products.



【产品构造】Pre-Filter & Funtional Filter Line-up

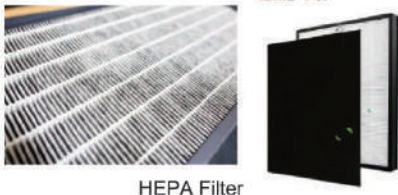
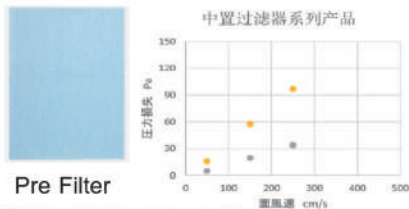


- 空气净化器(粉色) : Anti - Allergen Pre - Filter (PINK)
- 空气净化器(黑色) : New House Pre - Filter (BLACK)
- 空气净化器滤芯(绿色) : NH3/H2S Pre - Filter (GREEN)
- 空气净化器滤芯(蓝色) : High Efficiency Dust collecting Pre - Filter (BLUE)
- 空气净化器滤芯(棕色) : Yellow Sand Pre - Filter (BROWN)



※颜色多少会有些色差 There may be some color difference

【产品特点】Product Features



HEPA Filter

- 使用环保材料、特殊复合工艺。
- 低风阻、保证通风流畅。
- 高性价比。
- 尺寸可以根据要求定制。
- 更换简单快捷。

Features :

- Using environmentally friendly materials and special composite processes.
- Low wind resistance ensures smooth ventilation.High cost-effectiveness.
- The size can be customized according to requirements.
- Easy and fast replacement.

Class (EN-1882)	Thickness (mm)	Air Permeability (L/m ² /s)	Nacl Efficiency(%)	Pressure Drop (Pa)
H11	0.69	632.0	99.0%	14.2
H12	0.76	321.0	99.9%	27.1
H13	0.92	232.0	99.99%	36.6



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