



INDUSTRIAL FILTRATION SOLUTIONS · SINCE 2001



Engineered performance.
Fair pricing.

工程级性能 · 物美价廉

THE KING FILTER · 多维丝环保

Four numbers that matter to your plant.

对工厂而言最重要的四个数字

YEARS IN BUSINESS · 01

25+

years manufacturing
industrial filtration media

年专业生产工业过滤材料

Founded 2001 · 创立于 2001 年

EXPORT MARKETS · 02

20+

countries served —
Saudi Arabia, India, Malaysia

个国家与地区 · 海内外市场

Now in Vietnam & Indonesia · 拓展越南、印尼

ANNUAL CAPACITY · 03

3M^{m²}

needle felt output per year
across six production lines

年针刺毡产能 · 六条产线

36,000 m² facility · 3.6万 m² 工厂

PRODUCT RANGE · 04

80+

specifications across bags,
cartridges, and accessories

个规格 · 覆盖全线

ISO 9001, 14001, 45001 · 多项认证

The King Filter manufactures filter bags, cartridge filters, cages,
and complete dust-collector accessories for heavy industry worldwide.

多维丝环保 · 专业生产滤袋、滤筒、骨架及除尘器全套配件

Enterprise introduction

企业介绍



OUR LUOYANG FACILITY · 36,000 M² · 2001

WHO WE ARE

The King Filter is a professional manufacturer of industrial filtration materials, specializing in non-woven filter bags, cartridge filters, woven fabric, and complete baghouse accessories. Founded 2001 in Luoyang, Henan.

多维丝环保是专业生产工业过滤材料的制造商，主营非织造针刺滤袋、滤筒、高温机织布及除尘器全套配件。公司于 2001 年成立于河南洛阳。

WHAT WE BUILD

36,000 m² facility with six production lines — two needle-punching lines, one automated roll-up line, two automated bag-making lines, one post-processing line. Combined output 3 million m² needle felt annually.

3.6万 m² 工厂 · 六条生产线 · 年产 300 万 m² 针刺毡

WHO WE SERVE

40+ named industrial groups across China including CNBM Group, Tianrui Cement, Handan Iron & Steel, Luoyang Molybdenum. Direct exports to 20+ countries including Saudi Arabia, India, Malaysia.

中建材、天瑞水泥、邯钢集团、洛钼集团等 40 余家大型客户 · 出口 20+ 国家

Qualifications & certifications

企业资质与认证

INTERNATIONAL STANDARDS · 国际标准

ISO 9001:2015 Quality Management System

ISO 9001:2015 质量管理体系

ISO 14001:2015 Environmental Management System

ISO 14001:2015 环境管理体系

ISO 45001:2018 Occupational Health & Safety

ISO 45001:2018 职业健康安全

GB/T National-standard testing compliance

GB/T 国家标准检测认证

NATIONAL & INDUSTRY DESIGNATIONS · 国家与行业认定

National High-Tech Enterprise

国家高新技术企业

Henan Province Specialized & New Enterprise

河南省专精特新企业

Luoyang "Little Giant" Cultivation Enterprise

洛阳"小巨人"培育企业

AAA Enterprise Credit Rating · Council Member, China Nonwovens & Industrial Textiles Association

AAA 级信用企业 · 中国产业用纺织品行业协会理事单位

PATENTS · 拥有 50+ 项专利

Representative patent titles · 代表性专利名称:

- Anti-static ultra-high-precision polyimide needle felt · 抗静电超高精度聚酰亚胺针刺毡
- Environmentally friendly anti-wrinkle composite filter felt · 环保型防皱复合过滤毡



Quality promise · instrument by instrument

质量承诺 · 逐台仪器检测

Quality starts at raw material, flows through six production checkpoints, and ends at the shipping carton. Every batch passes four instrumented tests — tensile strength, air permeability, weight / thickness, and temperature resistance.

从原料入厂到成品出库 · 每批经过六道检验与四项仪器检测：织物强力、透气量、克重 / 厚度、耐温



INSTRUMENT 02 · YG461E-II
Air permeability tester · 透气量测试仪



INSTRUMENT 03 · GRAMMAGE CHECK
Weight / thickness gauge · 克重检测



INSTRUMENT 01 · YG(B)026D
Tensile / abrasion tester · 织物强力测试仪



INSTRUMENT 04 · HEAT TEST
Temperature resistance · 耐温测试

FULL TRACEABILITY

Every batch receives a QC certificate citing all four test results plus fiber lot number and production date. Full traceability to raw material.

每批产品附 QC 证书 · 记录四项测试结果、纤维批号、生产日期 · 全程可追溯

Service · support, response, reach

服务 · 技术支持 · 响应 · 布局

TECHNOLOGY SUPPORT · 技术支持

30+ technical staff including application engineers. Gas analysis review, material selection, troubleshooting. 24-hour response after you send operating conditions.

专业工程师团队 · 烟气分析 · 选型咨询 · 24 小时响应



OUR ENGINEERS · 我们的工程师

SERVICE RESPONSE · 服务响应

24/7 service hotline. Fair quotation, on-time delivery. After-sales periodic return visits on every project.

7×24 · 合理报价 · 准时交付 · 定期回访

SALES DISTRIBUTION · 销售布局

Luoyang production base + regional offices.

Direct export to SE Asia, Middle East, Africa.

洛阳生产基地 · 东南亚、中东、非洲直接覆盖

SIX PRODUCTION LINES · 六条生产线

Two needle-punching lines, one automated roll-up line, two automated bag-making lines, one post-processing line.

Includes AUTEFA UNILINER CL 88 cross-lapper — international-grade German equipment.

含德国 AUTEFA 交叉铺网机 · 国际一线设备



NEEDLE-PUNCHING LINE · 针刺生产线



AUTEFA UNILINER CL 88

Full-chain production process

全产业链工艺流程 · 步骤 01—06

From fiber to finished bag — every step photographed, every step documented.

从纤维到成品 · 12 道工序 · 逐步记录



Fiber inspection

纤维检验



Fiber opening

开松



Carding

梳理



Cross-lapping

铺网



Needle-punching

针刺



Singeing & calendering

烧毛与压光

STEPS 07-12 · CONTINUED ON PANEL 08 →

步骤 07—12 详见下页

Production process (continued)

全产业链工艺流程 · 步骤 07-12

07



Heat-setting

热定型

08



Finishing

后整理

09



Cutting

裁切

10



Sewing

缝制

11



Final inspection

成品检验

12



Ship to site

发货

SIX QC CHECKPOINTS · 六道质检

1. Fiber lot inspection · 2. Web density check · 3. Needle-punch density
4. Post-processing inspection · 5. Bag seam & dimension · 6. Final batch QC

纤维批检 · 成网密度 · 针刺密度 · 后整理 · 缝合尺寸 · 成品终检



CARTON-LABELED SHIPMENT LEAVING LUOYANG FACILITY · 按箱编号发货

Filter bags · standard temperature

滤袋 · 常温系列

PET polyester needle felt

涤纶针刺毡 · PET

ANTI

WR

FIRE

MEM

PERFORMANCE FEATURE 性能特点

Most widely used room-temp filter media. High abrasion and flex resistance.

应用最广泛的常温滤材 · 耐磨耐折性能优良 · 表面烧毛压光处理光滑易清灰

APPLICATIONS 适用领域

Cement raw mill · asphalt · food/pharma · woodworking · general industrial.

水泥生料磨 · 沥青搅拌 · 食品制药 · 木工加工 · 工业除尘通用

KEY SPECS 关键指标

Continuous $\leq 130^{\circ}\text{C}$ · Peak 150°C · Weight $500\text{--}650\text{ g/m}^2$ · Acid ★★ ★ · Alkali ○连续 $\leq 130^{\circ}\text{C}$ · 瞬间 150°C · 克重 $500\text{--}650\text{ g/m}^2$ · 耐酸 ★★ ★ · 耐碱 ○

TECHNICAL PARAMETERS 技术参数

Weight $500\text{--}650\text{ g/m}^2$ · Thickness $1.8\text{--}2.6\text{ mm}$ · Permeability $180\text{--}260\text{ L/dm}^2/\text{min}$ Breaking strength $\geq 1200\text{ N}$ · Shrinkage $\leq 1\%$ warp克重 $500\text{--}650\text{ g/m}^2$ · 厚度 $1.8\text{--}2.6\text{ mm}$ · 透风量 $180\text{--}260\text{ L/dm}^2/\text{min}$ · 断裂强度 $\geq 1200\text{ N}$ · 收缩率 $\leq 1\%$

PP polypropylene needle felt

丙纶针刺毡 · PP

ANTI

WR

ACID

ALK

PERFORMANCE FEATURE 性能特点

Excellent acid & alkali resistance. First choice for aggressive chemistry at moderate temp.

耐酸耐碱性能突出 · 中低温工况下腐蚀性粉尘的首选滤材

APPLICATIONS 适用领域

Chemical & pharmaceutical · pigments · battery · food-grade where PET unsuitable.

化工制药粉尘 · 颜料油漆 · 电池制造 · PET 不适用的食品级粉尘

KEY SPECS 关键指标

Continuous $\leq 90^{\circ}\text{C}$ · Peak 100°C · Weight $450\text{--}600\text{ g/m}^2$ · Acid ★★ ★ · Alkali ★★ ★连续 $\leq 90^{\circ}\text{C}$ · 瞬间 100°C · 克重 $450\text{--}600\text{ g/m}^2$ · 耐酸 ★★ ★ · 耐碱 ★★ ★

TECHNICAL PARAMETERS 技术参数

Weight $450\text{--}600\text{ g/m}^2$ · Thickness $1.7\text{--}2.5\text{ mm}$ · Permeability $180\text{--}260\text{ L/dm}^2/\text{min}$ Breaking strength $\geq 900\text{ N}$ warp / $\geq 1200\text{ N}$ weft · Shrinkage $\leq 1\%$ 克重 $450\text{--}600\text{ g/m}^2$ · 厚度 $1.7\text{--}2.5\text{ mm}$ · 透风量 $180\text{--}260\text{ L/dm}^2/\text{min}$ · 断裂强度经向 $\geq 900\text{ N}$ / 纬向 $\geq 1200\text{ N}$ · 收缩率 $\leq 1\%$

Filter bags · medium temp + anti-static

滤袋 · 中温 · 防静电

Acrylic needle felt

亚克力中温复合针刺毡 · KZ

ACID

HYDR

MED

HIEF

PERFORMANCE FEATURE 性能特点

Acid + hydrolysis resistance combined. For humid, chemically-loaded dust.
耐酸与抗水解性能并存 · 适用于湿度高、化学性复杂的中温工况

APPLICATIONS 适用领域

Coal-fired power boilers · sinter · cement kiln tail (medium temp) · lime kilns.
燃煤锅炉烟气 · 烧结机 · 水泥窑尾 (中温) · 灰窑 · 冶金过程

KEY SPECS 关键指标

Continuous $\leq 125^{\circ}\text{C}$ · Peak 140°C · Weight $500\text{--}600\text{ g/m}^2$ · Acid ★★★★★ · Hydrolysis ★★
连续 $\leq 125^{\circ}\text{C}$ · 瞬间 140°C · 克重 $500\text{--}600\text{ g/m}^2$ · 耐酸 ★★★★★ · 抗水解 ★★

TECHNICAL PARAMETERS 技术参数

Weight $500\text{--}600\text{ g/m}^2$ · Thickness $1.8\text{--}2.3\text{ mm}$ · Permeability $180\text{--}300\text{ L/dm}^2/\text{min}$
Breaking strength $\geq 900\text{ N}$ / $\geq 1200\text{ N}$ · Surface: singed, calendered
克重 $500\text{--}600\text{ g/m}^2$ · 厚度 $1.8\text{--}2.3\text{ mm}$ · 透风量 $180\text{--}300\text{ L/dm}^2/\text{min}$ · 断裂强度 $\geq 900\text{ N}$ / $\geq 1200\text{ N}$ · 表面: 烧毛、压光处理

Anti-static polyester

防静电涤纶针刺毡 · DF

ANTI

EXPL

HIEF

MEM

PERFORMANCE FEATURE 性能特点

Conductive fibers woven into polyester. Required for coal, flour, sugar, combustible dust.
涤纶基础上织入导电纤维 · 煤粉、面粉、糖粉等易燃粉尘工况必备

APPLICATIONS 适用领域

Coal prep plants · flour mills · sugar refining · ATEX baghouses · grain processing.
洗选煤 · 面粉厂 · 糖生产 · 化工粉体 · 粮食加工 · ATEX 防爆除尘

KEY SPECS 关键指标

Continuous $\leq 130^{\circ}\text{C}$ · Surface resistance $\leq 10^9\ \Omega$ · Weight $500\text{--}600\text{ g/m}^2$
连续 $\leq 130^{\circ}\text{C}$ · 表面电阻 $\leq 10^9\ \Omega$ · 克重 $500\text{--}600\text{ g/m}^2$

TECHNICAL PARAMETERS 技术参数

Weight $500\text{--}600\text{ g/m}^2$ · Thickness $1.8\text{--}2.0\text{ mm}$ · Permeability $180\text{--}260\text{ L/dm}^2/\text{min}$
Breaking strength $>1000\text{ N}$ warp / $>1100\text{ N}$ weft · With PTFE: $0.3\ \mu\text{m}$ precision
克重 $500\text{--}600\text{ g/m}^2$ · 厚度 $1.8\text{--}2.0\text{ mm}$ · 透风量 $180\text{--}260\text{ L/dm}^2/\text{min}$ · 断裂强度 $>1000\text{ N}$ 经向 / $>1100\text{ N}$ 纬向 · 可加 PTFE 覆膜至 $0.3\ \mu\text{m}$ 精度

Filter bags · specialty finishes + high-sulfur

滤袋 · 三防处理 · 高硫工况

Water/oil-repellent polyester

WR

OR

ANTI

LIFE

三防涤纶针刺毡 · EF

PERFORMANCE FEATURE 性能特点

Surface-treated to repel moisture and oil. Prevents blinding; 2–3× life over untreated.
经拒水防油表面处理 · 防止高湿含油烟气堵塞糊袋 · 寿命比普通涤纶延长 2–3 倍

APPLICATIONS 适用领域

Asphalt plants · woodworking with resin mist · battery mfg · metallurgy with oil mist.
沥青搅拌站 · 木工喷漆烟雾 · 电池制造 · 含油雾冶金 · 电焊收烟

KEY SPECS 关键指标

Continuous $\leq 130^{\circ}\text{C}$ · Peak 150°C · Weight $500\text{--}600\text{ g/m}^2$ · Water grade 5, Oil grade 4
连续 $\leq 130^{\circ}\text{C}$ · 瞬间 150°C · 克重 $500\text{--}600\text{ g/m}^2$ · 拒水 5 级 / 拒油 4 级

TECHNICAL PARAMETERS 技术参数

Weight $500\text{--}600\text{ g/m}^2$ · Thickness $1.8\text{--}2.0\text{ mm}$ · Permeability $180\text{--}300\text{ L/dm}^2/\text{min}$

Breaking strength $>1000\text{ N}$ / $>1100\text{ N}$ · Base: polyester staple

克重 $500\text{--}600\text{ g/m}^2$ · 厚度 $1.8\text{--}2.0\text{ mm}$ · 透气流 $180\text{--}300\text{ L/dm}^2/\text{min}$ · 断裂强度 $>1000\text{ N}$ / $>1100\text{ N}$ · 基材: 聚酯短纤

PPS polyphenylene sulfide

ACID

ALK

HTMP

SULF

PPS 聚苯硫醚针刺毡 · PS

PERFORMANCE FEATURE 性能特点

Standard for high-sulfur flue gas. Excellent chemical stability at elevated temperature.
高硫烟气工况首选 · 化学稳定性优异 · 高温下强度保持力强

APPLICATIONS 适用领域

Coal-fired boilers · waste incinerators · cement kilns · glass furnaces · sintering.
燃煤锅炉 · 垃圾焚烧 · 水泥窑 · 玻璃窑 · 钢铁烧结

KEY SPECS 关键指标

Continuous $\leq 190^{\circ}\text{C}$ ($\leq 160^{\circ}\text{C}$ in high- O_2 gas) · Peak 220°C · Weight $500\text{--}600\text{ g/m}^2$ · Acid ★★★★★ · Alkali ★★★★★

连续 $\leq 190^{\circ}\text{C}$ (高含氧工况 $\leq 160^{\circ}\text{C}$) · 瞬间 220°C · 克重 $500\text{--}600\text{ g/m}^2$ · 耐酸 ★★★★★ · 耐碱 ★★★★★

TECHNICAL PARAMETERS 技术参数

Weight $500\text{--}600\text{ g/m}^2$ · Thickness $1.8\text{--}2.2\text{ mm}$ · Permeability $180\text{--}260\text{ L/dm}^2/\text{min}$

Breaking strength $\geq 900\text{ N}$ / $\geq 1200\text{ N}$ · Shrinkage $\leq 1\%$ / $\leq 1.5\%$

克重 $500\text{--}600\text{ g/m}^2$ · 厚度 $1.8\text{--}2.2\text{ mm}$ · 透气流 $180\text{--}260\text{ L/dm}^2/\text{min}$ · 断裂强度 $\geq 900\text{ N}$ / $\geq 1200\text{ N}$ · 收缩率 $\leq 1\%$ / $\leq 1.5\%$

Filter bags · high-temperature synthetics

滤袋 · 高温合成纤维

Nomex / aramid needle felt

芳纶针刺毡 · AR

HTMP

FLAM

ABR

FLEX

PERFORMANCE FEATURE

性能特点

Meta-aramid fiber. Outstanding high-temp performance, good flex life, excellent abrasion.
间位芳纶纤维 · 高温性能优异 · 耐折性强 · 耐磨性突出

APPLICATIONS

适用领域

Steel sinter · cement plants · asphalt mixers · carbon black · metal smelting · glass.
钢铁烧结 · 水泥厂 · 沥青搅拌 · 炭黑 · 金属冶炼 · 玻璃窑（中温）

KEY SPECS

关键指标

Continuous ≤204 °C · Peak 240 °C · Weight 500–550 g/m² · Acid ★★ · Alkali ★★ (dry gas)
连续 ≤204 °C · 瞬间 240 °C · 克重 500–550 g/m² · 耐酸 ★★ · 耐碱 ★★（干态）

TECHNICAL PARAMETERS

技术参数

Weight 500–550 g/m² · Thickness 1.8–2.0 mm · Permeability 180–260 L/dm²/min
Breaking strength >1000 N / >1200 N · Optional PTFE membrane
克重 500–550 g/m² · 厚度 1.8–2.0 mm · 透气量 180–260 L/dm²/min · 断裂强度 >1000 N / >1200 N · 可选 PTFE 覆膜

P84 polyimide needle felt

P84 聚酰亚胺针刺毡 · PI

HTMP

FINE

HYDR

ACID

PERFORMANCE FEATURE

性能特点

Tri-lobal cross-section captures finest dust. Right choice where emission limits are tightest.
三叶形截面纤维捕集最细粉尘 · 最严苛排放标准的首选

APPLICATIONS

适用领域

Cement kiln tail (low-emission) · waste incineration · chemical plants · EU/EPA compliance.
水泥窑尾（低排放）· 垃圾焚烧 · 化工厂 · EU/EPA 标准工况

KEY SPECS

关键指标

Continuous ≤260 °C · Peak 280 °C · Weight 500–600 g/m² · Acid ★★★★★ · Hydrolysis ★★
连续 ≤260 °C · 瞬间 280 °C · 克重 500–600 g/m² · 耐酸 ★★★★★ · 抗水解 ★★

TECHNICAL PARAMETERS

技术参数

Weight 500–600 g/m² · Thickness 1.8–2.0 mm · Permeability 150–200 L/dm²/min
Breaking strength >900 N / >1200 N · Optional PTFE membrane
克重 500–600 g/m² · 厚度 1.8–2.0 mm · 透气量 150–200 L/dm²/min · 断裂强度 >900 N / >1200 N · 可选 PTFE 覆膜

Filter bags · extreme chemistry + extreme temp

滤袋 · 极端化学 · 极端高温

PTFE needle felt

CHEM

HTMP

HYDR

NSTK

PTFE 聚四氟乙烯针刺毡 · TF

PERFORMANCE FEATURE 性能特点

Benchmark for chemical resistance. Handles acids, alkalis, oxidizing flue gas. Non-stick.
耐化学腐蚀的标杆 · 处理酸碱及氧化性烟气 · 表面不粘易清灰

APPLICATIONS 适用领域

Hazardous waste incineration · secondary steel · chemical plants · SCR/DeNOx · pharma API.
危废焚烧 · 钢铁二次烟气 · 化工复杂烟气 · 电站 SCR 脱硝 · 制药原料药

KEY SPECS 关键指标

Continuous $\leq 250^{\circ}\text{C}$ · Peak 280°C · Weight $750\text{--}850\text{ g/m}^2$ · All chemical ★★★
连续 $\leq 250^{\circ}\text{C}$ · 瞬间 280°C · 克重 $750\text{--}850\text{ g/m}^2$ · 所有化学指标 ★★★

TECHNICAL PARAMETERS 技术参数

Weight $750\text{--}850\text{ g/m}^2$ · Thickness $1.0\text{--}1.2\text{ mm}$ · Permeability $180\text{--}260\text{ L/dm}^2/\text{min}$

Breaking strength $\geq 1200\text{ N}$ / $\geq 1200\text{ N}$ · Shrinkage $\leq 1\%$

克重 $750\text{--}850\text{ g/m}^2$ · 厚度 $1.0\text{--}1.2\text{ mm}$ · 透气量 $180\text{--}260\text{ L/dm}^2/\text{min}$ · 断裂强度 $\geq 1200\text{ N}$ / $\geq 1200\text{ N}$ · 收缩率 $\leq 1\%$

Fiberglass composite & woven

EXHT

ZSHR

ACID

MULT

玻纤复合 / 机织布 · KFS / GF

PERFORMANCE FEATURE 性能特点

Near-zero thermal shrinkage at high temperature. Single fiberglass grade, as composite (PPS/P84/PTFE) or woven.

高温下近零热收缩 · 单一玻纤等级 · 复合型 (PPS/P84/PTFE) 或纯机织版可选

APPLICATIONS 适用领域

Glass furnace exhaust · cement kiln clinker cooler · aluminum smelting · carbon black.
玻璃窑烟气 · 水泥窑熟料冷却器 · 铝冶炼 · 炭黑生产

KEY SPECS 关键指标

Continuous $\leq 260^{\circ}\text{C}$ · Peak 280°C · Weight $450\text{--}750\text{ g/m}^2$ · Shrinkage $< 0.5\%$
连续 $\leq 260^{\circ}\text{C}$ · 瞬间 280°C · 克重 $450\text{--}750\text{ g/m}^2$ · 收缩率 $< 0.5\%$

TECHNICAL PARAMETERS 技术参数

Composites: $900\pm 50\text{ g/m}^2$ · $2.2\text{--}2.8\text{ mm}$ · $200\text{--}350\text{ L/dm}^2/\text{min}$ · Breaking $\geq 1800/2000\text{ N}$

Woven: $450\text{--}750\text{ g/m}^2$ · 99.5% efficiency at $0.6\text{--}0.8\text{ m/min}$ velocity

复合型: $900\pm 50\text{ g/m}^2$ · $2.2\text{--}2.8\text{ mm}$ · $200\text{--}350\text{ L/dm}^2/\text{min}$ · 断裂强度 $\geq 1800/2000\text{ N}$ · 机织型: $450\text{--}750\text{ g/m}^2$ · $0.6\text{--}0.8\text{ m/min}$ 风速下效率 99.5%

Filter bags · pleated · up to 2× filter area, same footprint

褶皱式滤袋 · 同等空间，过滤面积最高翻倍

Pleated retrofit filter bag

褶皱式除尘滤袋 · PLT

RETROFIT

HIGH-AREA

PM 2.5

LOW-DP

PERFORMANCE FEATURE 性能特点

Self-developed pleated structure with multiple patents. Drop-in retrofit: same baghouse, 50–100% more filter area and higher airflow.

自主研发褶皱式结构 · 多项专利 · 同尺寸除尘器直接更换 · 过滤面积提升 50–100%

APPLICATIONS 适用领域

Cement · power · steel · waste-to-energy · any baghouse needing more airflow without civil rebuild.

水泥 · 电力 · 钢铁 · 垃圾焚烧 · 需提升风量但无法扩容的工况

TECHNICAL PARAMETERS 技术参数

Pleat counts 8 / 10 / 12 · base fabrics: polyester, anti-static polyester, acrylic, aramid, P84 polyimide · stainless ring · pre-fitted to cage.

褶数 8 / 10 / 12 · 基材：涤纶 · 抗静电涤纶 · 亚克力 · 芳纶 · P84 聚酰亚胺 · 不锈钢环口 · 笼架配套



KEY ADVANTAGES · 主要特点和优势

01

Boost airflow on existing baghouses

使用褶皱布袋改造现有除尘器 · 无需改造除尘器本体 · 直接更换布袋和龙骨 · 过滤面积可增加 1 倍 · 提升系统风量与生产能力

02

Capture PM2.5 / PM10 to $\leq 10 \text{ mg/m}^3$

替代普通圆袋或椭圆布袋 · 大幅提升对超细粉尘的捕集效率 · 满足 $\leq 10 \text{ mg/m}^3$ 超低排放标准

03

Lower system energy and maintenance

系统压差大幅降低 · 风机能耗下降 · 喷吹频率与喷吹耗气量显著减少 · 节能降碳

04

Extended bag service life

独特的滤袋与龙骨组合 · 避免普通龙骨向支撑环方向的疲劳损伤 · 较低的运行压差与喷吹频率延长寿命

05

Smaller footprint for new builds

新建除尘器采用褶皱布袋 · 大幅降低除尘器箱体体积 · 同等净化效率下显著降低综合建造成本

Pleated bag variants · fabric & pleat-count guide

褶皱滤袋系列 · 按面料与褶皱选型



AVAILABLE VARIANTS · 可选规格

P84-10 **P84 polyimide · 10 pleats**
P84 聚酰亚胺 · 10 褶皱滤袋

AR-10 **Aramid (Nomex) · 10 pleats**
芳纶 · 10 褶皱滤袋

AC-08 **Acrylic · 8 pleats**
亚克力 · 8 褶皱滤袋

PE-12CD **Polyester anti-static woven · 12 pleats**
涤纶混纺导电 · 12 褶皱滤袋

PE-08AS **Polyester anti-static · 8 pleats**
涤纶混纺防静电 · 8 褶皱滤袋

PE-10 **Polyester · 10 pleats**
涤纶 · 10 褶皱滤袋

PE-12AS **Polyester anti-static · 12 pleats**
涤纶混纺防静电 · 12 褶皱滤袋

PE-12 **Polyester · 12 pleats**
涤纶 · 12 褶皱滤袋

Selection: pleat count drives filter area — 8 pleats for general dust, 10 for fine particulate, 12 for the highest area / lowest pressure-drop. Fabric is chosen by temperature and chemistry.

选型说明：褶皱数决定过滤面积 — 8 褶用于一般粉尘、10 褶用于细粉尘、12 褶面积最大且压差最低；面料按温度与化学条件选定。

Filter bags · specialty applications

滤袋 · 特种应用

Melamine specialty filter bag

三聚氰胺专用滤袋 · MG

EXHT

PAT

CREP



PERFORMANCE FEATURE 性能特点

Melamine exhaust is aggressive: 320–380 °C, sticky, with condensation risk. Three patented construction variants.

三聚氰胺烟气工况严苛 (320–380 °C、粘性、易凝结) · 三种专利结构

APPLICATIONS 适用领域

Melamine production · urea processing · gas-phase chemical synthesis · 320 °C+ applications.

三聚氰胺生产 · 尿素加工 · 气相化工合成 · 320 °C 以上工况

KEY SPECS 关键指标

Continuous ≤350 °C · Peak 380 °C · Stainless steel ring · Pre-tensioned seams
连续 ≤350 °C · 瞬间 380 °C · 不锈钢环口 · 预张拉缝制

TECHNICAL PARAMETERS 技术参数

Single-layer: premium high-temp fiber · smooth post-treatment · stainless seal

Two-layer / three-layer: multi-layer construction for extreme conditions, 2–3× service life

单层: 高温优质纤维 · 光滑后处理 · 不锈钢密封 · 双层 / 三层: 极端工况多层结构 · 寿命延长 2–3 倍

Liquid filter bag

液体过滤袋 · LF

LIQD

PREC

CHEM



PERFORMANCE FEATURE 性能特点

Single-layer needle felt or meltblown nonwoven. Multiple precision grades, corrosion- and tear-resistant.

单层针刺毡或熔喷非织造布 · 多种精度等级 · 耐腐蚀、抗拉伸

APPLICATIONS 适用领域

Chemical · pharmaceutical · food & beverage · electronics · paint & ink · metal finishing.

化工 · 制药 · 食品饮料 · 电子 · 油漆油墨 · 金属加工

KEY SPECS 关键指标

Filtration 0.5–300 µm · Efficiency up to 99.9% @ 15 µm · PP or PE plastic collar
精度 0.5–300 µm · 效率高达 99.9% @ 15 µm · PP 或 PE 塑料接口

TECHNICAL PARAMETERS 技术参数

Precision grades: 0.5, 1, 5, 10, 25, 50, 100, 150, 200, 300 µm

Sizes: #1 (180×430 mm) · #2 (180×810 mm) · #3 (100×230 mm) · #4 (100×380 mm)

精度等级: 0.5、1、5、10、25、50、100、150、200、300 µm · 规格: #1 (180×430 mm) · #2 (180×810 mm) · #3 (100×230 mm) · #4 (100×380 mm)

Cartridge filters · polyester + PTFE membrane

滤筒 · 聚酯 · PTFE 覆膜

PE polyester cartridge

PE 聚酯滤筒

WEAR

WASH

RUST



PERFORMANCE FEATURE 性能特点

Imported polyester media. High abrasion resistance and higher filtration velocity. Heat-rolled and washable for extended life.

进口聚酯纤维滤材 · 耐磨性好 · 热轧可反复清洗 · 耐指纹端盖 · 菱形支撑网

APPLICATIONS 适用领域

Powder coating booths · sand blasting · pigments · woodworking · cement · general dust.

喷粉喷涂 · 喷砂 · 颜料 · 木工 · 水泥通风 · 气体粉尘通用

KEY SPECS 关键指标

Continuous $\leq 135^{\circ}\text{C}$ · Flexible sizing · Polyurethane or metal end caps

连续 $\leq 135^{\circ}\text{C}$ · 尺寸灵活 · 聚氨酯或金属端盖

TECHNICAL PARAMETERS 技术参数

DW/P 3266: $\Phi 324/\Phi 213$, H 660 mm, 9.4 m^2 · DW/P 3275: H 750 mm, 10.6 m^2 · DW/P 32100: H 1000 mm, 14.2 m^2

DW/P 3566 / 3575 / 35100: $\Phi 352$ series, $10\text{--}15.1\text{ m}^2$

DW/P 3266: $\Phi 324/\Phi 213$ · H 660 mm · 面积 9.4 m^2 · DW/P 3275: H 750 mm · 10.6 m^2 · DW/P 32100: H 1000 mm · 14.2 m^2 · DW/P 3566 / 3575 / 35100: $\Phi 352$ 系列 · 面积 $10\text{--}15.1\text{ m}^2$

PTFE membrane cartridge

PTFE 覆膜聚酯滤筒

FINE

CHEM

WR

OR



PERFORMANCE FEATURE 性能特点

Imported microporous PTFE membrane laminated on polyester. Water- and oil-repellent, good air permeability, easy dust release.

PTFE 覆膜涤纶滤筒 · 耐化学腐蚀 · 拒水疏油 · 透气性好 · 易清灰

APPLICATIONS 适用领域

Welding fumes · shot blasting · pharmaceutical · cement · tobacco · textile.

焊接烟尘 · 喷丸铸造 · 制药 · 水泥 · 烟草 · 纺织工业

KEY SPECS 关键指标

Continuous $\leq 135^{\circ}\text{C}$ · MERV 11–15 filtration level · $0.3\text{ }\mu\text{m}$ finest precision

连续 $\leq 135^{\circ}\text{C}$ · 过滤等级 MERV 11–15 · 精度 $0.3\text{ }\mu\text{m}$

TECHNICAL PARAMETERS 技术参数

DW/F 3266: $\Phi 324/\Phi 213$, H 660 mm, 9.4 m^2 · DW/F 32100: H 1000 mm, 14.2 m^2

DW/F 3566 / 35100: $\Phi 352$ series, $10\text{--}15.1\text{ m}^2$

DW/F 3266: $\Phi 324/\Phi 213$ · H 660 mm · 面积 9.4 m^2 · DW/F 32100: H 1000 mm · 14.2 m^2 · DW/F 3566 / 35100: $\Phi 352$ 系列 · 面积 $10\text{--}15.1\text{ m}^2$

Cartridge filters · anti-static + top-loaded

滤筒 · 防静电 · 顶装式

Anti-static polyester cartridge

防静电聚酯滤筒

ANTI EXPL FINE MEM



PERFORMANCE FEATURE 性能特点

Conductive fibers blended into polyester, with a PTFE membrane surface for finer filtration. Anti-static and high-precision in one.

聚酯中加入导电纤维 · PTFE 覆膜处理 · 防静电同时提升过滤精度 · 防爆工况必备

APPLICATIONS 适用领域

Coal pulverizing · flour mills · chemical powder · sugar · grain · pharma · ATEX zones.

磨煤 · 面粉厂 · 化工粉体 · 糖生产 · 粮食加工 · 制药 · ATEX 防爆设备

KEY SPECS 关键指标

Continuous $\leq 135^{\circ}\text{C}$ · Filtration precision $0.3\text{ }\mu\text{m}$ · Surface resistance $\leq 10^9\text{ }\Omega$

连续 $\leq 135^{\circ}\text{C}$ · 过滤精度 $0.3\text{ }\mu\text{m}$ · 表面电阻 $\leq 10^9\text{ }\Omega$

TECHNICAL PARAMETERS 技术参数

DW/D 3266: $\Phi 324/\Phi 213$, H 660 mm, 9.4 m^2 · DW/D 3566: $\Phi 352/\Phi 241$, H 660 mm, 10.0 m^2

DW/D 3266: $\Phi 324/\Phi 213$ · H 660 mm · 面积 9.4 m^2 · DW/D 3566: $\Phi 352/\Phi 241$ · H 660 mm · 面积 10.0 m^2

Top-loaded cartridge

顶装式滤筒

TOP PU NMET GRN



PERFORMANCE FEATURE 性能特点

Polyurethane-molded top and bottom caps. 100% continuous long-fiber polyester. No metal parts in contact with dusty gas.

聚氨酯浇铸顶底盖 · 100% 连续长纤维聚酯 · 无锈蚀支撑网 · 无金属部件接触含尘气体

APPLICATIONS 适用领域

Food processing · pharmaceutical · clean-room dust · high-spec retrofits (no metal contamination).

食品加工 · 制药 · 洁净室除尘 · 免金属污染的高规格改造

KEY SPECS 关键指标

Continuous $\leq 107^{\circ}\text{C}$ · Tube sheet 5 mm · PU-molded construction · PTFE / anti-static / WR options

连续 $\leq 107^{\circ}\text{C}$ · 花板厚度 5 mm · PU 浇铸结构 · 可选 PTFE / 防静电 / 拒水

TECHNICAL PARAMETERS 技术参数

1 m / 2 m length · DW/LU 133 ($\Phi 133/\Phi 142/\Phi 120$): $2.0 / 4.0\text{ m}^2$ · DW/LU 153: $2.1 / 4.3\text{ m}^2$

DW/LU 159: $2.3 / 4.6\text{ m}^2$ · DW/LU 162: $2.3 / 4.6\text{ m}^2$

长度 1 m / 2 m · DW/LU 133 ($\Phi 133/\Phi 142/\Phi 120$): $2.0 / 4.0\text{ m}^2$ · DW/LU 153: $2.1 / 4.3\text{ m}^2$ · DW/LU 159: $2.3 / 4.6\text{ m}^2$ · DW/LU 162: $2.3 / 4.6\text{ m}^2$

Cartridge filters · high-temp + rubber-top

滤筒 · 高温 · 橡胶顶盖

High-temperature cartridge

高温滤筒

HTMP

PPS

NMEX

P84



PERFORMANCE FEATURE 性能特点

Three media options: PPS, Nomex or P84. Heat-resistant construction with galvanized or stainless end caps; PTFE membrane optional.

三种滤料可选: PPS / Nomex / P84 · 镀锌或不锈钢端盖 · 独特耐高温结构 · PTFE 覆膜可选

APPLICATIONS 适用领域

Steel sinter flue gas · cement kiln tail · coal-fired boilers · waste incineration · metallurgy.

钢铁烧结烟气 · 水泥窑尾 · 燃煤锅炉 · 垃圾焚烧 · 冶金炉

KEY SPECS 关键指标

Continuous: PPS ≤190 °C · Nomex ≤204 °C · P84 ≤260 °C (peak 280 °C) · PTFE membrane optional

连续: PPS ≤190 °C · Nomex ≤204 °C · P84 ≤260 °C (瞬间 280 °C) · PTFE 覆膜可选

TECHNICAL PARAMETERS 技术参数

1 m / 2 m length · DW/LH 127: 1.1 / 2.3 m² · DW/LH 133: 1.5 / 3.0 m²

DW/LH 159: 2.1 / 4.1 m² · DW/LH 162: 2.3 / 4.6 m² · Galvanized metal end caps

长度 1 m / 2 m · DW/LH 127: 1.1 / 2.3 m² · DW/LH 133: 1.5 / 3.0 m² · DW/LH 159: 2.1 / 4.1 m² · DW/LH 162: 2.3 / 4.6 m² · 镀锌金属端盖

Rubber-top filter cartridge

橡胶顶盖滤筒

RUBR

CLMP

REPL

FIBR



PERFORMANCE FEATURE 性能特点

Molded rubber top with metal clamp for quick replacement. 100% continuous long-fiber polyester. Common size Φ153 mm.

模塑橡胶顶盖加金属卡箍结构 · 更换便捷 · 100% 连续长纤维聚酯 · Φ153 mm 可替代 GE / OEM

APPLICATIONS 适用领域

GE / OEM retrofits · replacement market · baghouse retrofits that keep the venturi design.

GE / OEM 系统改造 · 替换市场 · 保留文氏管设计的改造

KEY SPECS 关键指标

Continuous ≤130 °C · Common size Φ153 mm · Replaces GE and other OEM brands

连续 ≤130 °C · 常用 Φ153 mm · 替代 GE 及其他 OEM 品牌

TECHNICAL PARAMETERS 技术参数

Common size: Φ153 mm · Replaces GE OEM and other venturi-sleeve designs

Continuous long-fiber polyester · Optional PTFE membrane post-treatment

常用尺寸: Φ153 mm · 替代 GE OEM 及其他文氏管套筒结构 · 连续长纤维聚酯 · 可选 PTFE 覆膜后处理

Cartridge filters · replacement series

滤筒 · 替代系列

BHA replacement cartridge

替代 BHA 滤筒

BHA

GALV

PLT

REPL



PERFORMANCE FEATURE 性能特点

Galvanized metal end caps. Rust-free support mesh. Resilient rubber seal. 100% long-fiber polyester, shallow-pleat design.

金属镀锌顶底盖 · 无锈蚀支撑网 · 弹性橡胶密封 · 100% 连续长纤维聚酯浅褶设计

APPLICATIONS 适用领域

Direct replacement for BHA-brand cartridges in existing dust-collector retrofits.

BHA 品牌滤筒直接替换 · 除尘器改造

KEY SPECS 关键指标

Continuous $\leq 130^{\circ}\text{C}$ · Tube sheet 5 mm · Models DW/LM 127–162

连续 $\leq 130^{\circ}\text{C}$ · 花板厚度 5 mm · DW/LM 127–162 多规格

TECHNICAL PARAMETERS 技术参数

1 m / 2 m length · DW/LM 127: 1.1 / 2.3 m² · DW/LM 133: 1.5 / 3.0 m² · DW/LM 159: 2.1 / 4.1 m² · DW/LM 162: 2.3 / 4.6 m²

长度 1 m / 2 m · DW/LM 127: 1.1 / 2.3 m² · DW/LM 133: 1.5 / 3.0 m² · DW/LM 159: 2.1 / 4.1 m² · DW/LM 162: 2.3 / 4.6 m²

AMANO replacement cartridge

替代 AMANO 滤筒

AMN

SEAM

EZ

STD



PERFORMANCE FEATURE 性能特点

Direct replacement for AMANO cartridges. Seamless fit, easy installation. Common $\Phi 200$ series.

AMANO 品牌滤筒直接替换 · 无缝对接便捷安装 · 常用 $\Phi 200$ 系列 · 可选 PTFE / 防静电 / 拒水处理

APPLICATIONS 适用领域

AMANO dust-collector retrofits · upgrading legacy AMANO installations.

AMANO 除尘器改造 · 提升原 AMANO 设备性能

KEY SPECS 关键指标

Continuous $\leq 130^{\circ}\text{C}$ · Standard $\Phi 200$ · Heights 500 / 750 / 1000 mm

连续 $\leq 130^{\circ}\text{C}$ · 标准 $\Phi 200$ · 高度 500 / 750 / 1000 mm

TECHNICAL PARAMETERS 技术参数

Size 1: $\Phi 200 \times 500$ mm · Size 2: $\Phi 200 \times 750$ mm · Size 3: $\Phi 200 \times 1000$ mm

Direct seamless fit · PTFE / anti-static / water- & oil-repellent surface options

尺寸 1: $\Phi 200 \times 500$ mm · 尺寸 2: $\Phi 200 \times 750$ mm · 尺寸 3: $\Phi 200 \times 1000$ mm · 无缝对接 · 可选 PTFE / 防静电 / 拒水防油表面处理

Bag cages · structural backbone

笼架系列 · 滤袋支撑

Filter cages are the structural backbone of every filter bag installation — they hold each bag open, smooth and fully supported. We produce round, oval, star, stepped and open-top configurations in three finishes.

笼架是滤袋的结构支撑 · 圆形、椭圆、星形、阶梯形、开顶盖配置 · 三种表面处理



BAG CAGE · 笼架

01 · GALVANIZED

镀锌处理

Strong adhesion, good rust resistance. Standard choice for most baghouses.

附着力强 · 防锈 · 通用标准选择

02 · ORGANOSILICON

有机硅喷涂

Heat-resistant, chemical-resistant, flexible coating. For high-temp, humid and corrosive environments.

耐高温 · 耐化学腐蚀 · 柔韧性好

03 · STAINLESS

不锈钢

Maximum corrosion resistance for the most demanding environments.

耐腐蚀性最佳 · 极端工况首选

COMPLETE ACCESSORIES · 完整配件

Venturi tubes · protective covers · cage connecting rings (A & B) · bag mouth seals · bag bottom seals · pulse valves · solenoid pilot valves

文丘里管 · 保护套 · 笼架连接环 A/B · 袋口密封 · 袋底密封 · 脉冲阀 · 电磁先导阀

ONE SUPPLIER · ALL COMPONENTS · GUARANTEED COMPATIBILITY

一家供应商 · 全套配件 · 保证兼容性

Typical industrial applications

典型工业应用

Our products serve every major industrial dust and gas filtration application.

产品覆盖所有主要工业除尘和气体过滤应用



Steel & metallurgy

钢铁冶金

Sinter · EAF · BOF · rolling



Power & chemical

电力化工

Coal boilers · petrochemical



Cement

水泥

Kiln · raw mill · packing



Waste incineration

垃圾焚烧

Municipal · hazardous · medical



Non-ferrous metals

有色金属

Aluminum · copper · zinc · lead



Food & pharma

食品制药

Milk powder · flour · sugar · API

EXTENDED COVERAGE · 其他应用领域

Minerals · 矿产

Cement kiln tail · raw mill · slag grinding · finished cement · coal mill · lime kilns · gypsum

Chemical · 化工

Plastics (PVC/PP/PE) · pigments · paints · pneumatic conveying · paint mixers · fertilizer drying

Energy · 能源

Coal-fired power · fly ash treatment · coal-fired boilers · biomass · waste-to-energy

Other · 其他

Titanium dioxide · silicon powder · carbon black · glass furnaces · tires · cellulose fiber

If your specific process isn't listed, send us your gas analysis — 24-hour response.

Why The King Filter · and how to order

客户选择我们的四个理由 · 订购流程

PILLAR 01

Engineered quality

工程级品质

Top-grade fibers, four instrumented tests per batch, multiple patents, ISO 9001 + 14001 + 45001 certified.

全球一线纤维 · 每批四项仪器检测 · 多项专利 · ISO 三证齐全

PILLAR 02

Fair pricing

物美价廉

Direct factory supply. No trader margin. Transparent quotation tied to your exact specs and volume.

工厂直供 · 无中间商加价 · 报价透明

PILLAR 03

Foolproof shipping

免操心物流

Pre-fitted to your baghouse dimensions. Labeled by cage number. Open the box and install.

按客户除尘器尺寸定制 · 按笼号标识 · 开箱即装

PILLAR 04

Full-line supplier

全线供应

Filter bags + cartridges + cages + valves + venturis — one PO, one shipment, one supplier.

滤袋+滤筒+笼架+阀件+文丘里 — 一家供应商对兼容性负责

HOW TO ORDER · 订购流程

Four steps — talk to a real engineer, not a sales script.

四步完成订购 · 与真正的工程师对话

1

Send your spec

Dimensions, gas temperature, chemistry, dust loading. Recommendation and pricing within 24 hours.

发送规格 · 尺寸 · 温度 · 烟气成分 · 粉尘浓度 · 24小时内回复

2

Free sample within 7 days

Test on your own equipment before committing. The sample is free; freight is paid by the buyer.

7天内免费样品 · 自有设备测试后决定 · 样品免费 · 运费自理

3

Production · 25–30 days

Twelve-step production chain. Six QC checkpoints. Full batch traceability.

生产周期 25–30 天 · 12 道工序 · 六道质检 · 批次全程可追溯

4

Pre-fitted, ready to install

Cartons labeled by cage or cartridge number. No re-cutting, no rework.

开箱即装 · 按笼号 / 滤筒编号标识 · 无需裁切 · 无需返工



The King Filter

多维丝环保

Engineered performance. Fair pricing.

工程级性能 · 物美价廉

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