

PPS / Aramid / PI / PTFE

高温针刺毡系列

High-temperature Needle Felt Series



产品概述 / Product overview

高温系列覆盖PPS、芳纶、PI、PTFE、玻纤复合针刺毡和玻纤覆膜机织滤料。产品册给出不同材料的温度、透气率和强度数据，用于按烟气温度与化学条件选型。

The high-temperature range covers PPS, aramid, PI, PTFE, glass-fiber compound needle felt and fiberglass-membrane woven cloth. The catalog provides temperature, permeability and strength data for selection by gas temperature and chemical conditions.

产品特点 / Product features

- 覆盖六种产品册明确列出的高温滤料。
- 连续工作温度从170°C至260°C，峰值温度从190°C至300°C。
- 不同材料的耐酸、耐碱、耐氧化和耐水解表现不同，必须结合实际烟气成分选型。

Covers six high-temperature filter media explicitly listed in the catalog.

Continuous ratings range from 170°C to 260°C and peak ratings from 190°C to 300°C.

Acid, alkali, oxidation and hydrolysis resistance varies by material, so selection must consider actual gas composition.

产品册高温滤料参数 / Catalog high-temperature media data

品名 Product	克重 (g/m ²) Weight (g/m ²)	厚度 (mm) Thickness (mm)	透气率 (L/dm ² ·min) Air permeability (L/dm ² ·min)	连续/峰值温度 (°C) Continuous/peak temperature (°C)
PPS针刺毡 PPS needle felt	450-600	1.5-2.2	140-200	170 / 190
芳纶针刺毡 Aramid needle felt	450-600	1.8-2.2	140-200	204 / 240
PI针刺毡 PI needle felt	450-600	2.2-2.5	140-200	260 / 280
PTFE针刺毡 PTFE needle felt	450-700	1.2-1.5	50-80	240 / 260
玻纤复合针刺毡 Glass-fiber compound needle felt	850-950	2.2-2.8	140-200	260 / 300
玻纤覆膜机织滤料 Fiberglass-membrane woven cloth	750	0.8	20-50	260 / 300

应用场景 / Applications

用于钢铁、水泥、电力、化工、冶炼、焚烧及工业窑炉等产品册列出的高温烟气过滤场景；具体材料按温度和介质确认。

For high-temperature gas filtration duties listed in the catalog, including steel, cement, power, chemical, smelting, incineration and industrial kilns. Confirm media by temperature and gas chemistry.

选型提示 / Selection note

请在询价时提供型号、口径、接口、材质、介质、压力、温度、控制方式和数量；所有供货信息按单确认。

For RFQ, provide model, size, connection, material, media, pressure, temperature, control mode and quantity. Availability is confirmed per order.

资料来源 / Source: AEK 滤料与滤袋产品资料 · Source pages 12-17 reviewed by AEK on 2026-07-25. · PDF pages 13-14