

## 中、常温过滤材料

中、常温滤材主要由涤纶、丙纶、亚克力等纤维经针刺及后处理工艺制成，具有透气性好、孔隙度高、表面平整光滑、耐酸碱度适中、耐化学性、集尘效率高、容易玻璃粉尘、使用寿命长等优良性能。中、常温滤材主要应用于钢铁行业炼铁、炼铸、烧结、电炉除尘等环节；电解铝烟气、氧化铝输送、有色金属冶炼的烟气以及木材加工、粮食加工、制药、制糖、化工厂、电镀等一般工业企业有粉末污染的行业除尘及常温烟气治理等领域。可与板框压滤机、离心过滤机、真空



## Filter materials for medium/normal temperature

吸滤机、袋式过滤机等液式过滤分离设备配套使用。

### Filter materials for medium/ normal temperature

1. Materials available: polyester, polypropylene, and acrylic etc.
2. Working temperature: <160 °C
3. Specialties: good air permeability, high porosity, flat & smooth surface, good resistance to acid & alkali, good chemical properties, high dust collection efficiency, easy dust removal, high durability.
4. Techniques used: needle punching & other finish dealing methods.
5. Application: steel industry for iron smelting, casting and electric furnace dust collection; dealing with the exhaust in electrolytic aluminum fume, alumina transmission and non-ferrous smelting industries; ordinary dust removal and normal temperature exhaust treatment including the woodworking, grain processing, pharmacy, sugar aking, chemical plant, galvanization industries disturbed by dust pollution; for match of equipment for liquid filtration& separation like plat-and- frame filter press, filter centrifugal, vacuum suction filter, bag-type filter, etc.

## 高温过滤材料

由PPS、美塔斯、玻璃纤维等耐高温纤维经针刺及后处理工艺制成，具有耐酸碱性强、稳定性好、过滤效率高、使用寿命长等特点。广泛用于垃圾焚烧炉、金属熔炼、电厂粉煤灰、燃煤锅炉、化工行业等低氧化烟气收尘，以及沥青搅拌、有色金属、陶瓷、玻璃钢厂高炉煤气、电炉高温烟气、耐火砖窑炉烟气和焦化烟气等高温烟气收尘。

### Filter material for high temperature

1. Materials available: PPS (Ryton/ polyphenylene sulfide), Nomex, glass fiber, etc.
2. Working temperature: ≥ 160 °C
3. Specialties: strong acid & alkali resistance, good stability, high filtering efficiency & durability.
4. Techniques used: needle punching & other finish dealing methods.
5. Application: dust collection for low-oxidizability gas from garbage incinerator, metal melting, steel plants, coal-fire boiler and chemical industry; dust collection for high temperature gas such as blast-furnace gas, electric furnace exhaust, refractory brick kiln exhaust and coking exhaust in asphalt mixing, non-ferrous smelting, ceramics, glass, steel industries.



1. 涤纶 Polyester  
2. 氟美斯 FMS  
3. 美塔斯 METAMAX  
4. 混纺涤纶防静电 Polyester, anti-static, blended type  
5. 条纹涤纶防静电 Polyester, anti-static, stripe type

ISO 9001: 2000 certified

优 Excellent +      好 Good -      良 Ok /      差 Ordinary x

品名/ 性能	Article/ Performance	玻纤 Glass Fiber	美塔斯 METAMAX	亚克力 Acrylic	涤纶 PE	丙纶 PP	PPS
耐酸性	Acid Resistance	/	/	-	/	+	+
耐碱性	Alkali Resistance	-	/	-	x	+	+
耐磨性	Abrasion Resistance	/	/	-	/	+	/
水解稳定性	Hydrolysis Stability	/	/	-	x	+	+
抗氧化能力	Anti-oxidation	/	/	x	-	/	x

## 除尘袋

圆筒形脉冲式滤袋是袋式除尘器的心脏，通常悬挂在除尘器中。含尘气体由进风口进入除尘器，灰斗的导流板使气体中的大颗粒粉尘受惯性作用被分离，直接落入灰斗。尘气进入箱体过滤区，粉尘被拒在滤袋外面，气体通过滤料进入滤袋，净化后从出风口排出。

## Dust collector bags

The dust collector bag is the core element of the filter-type dust collector. Usually the cylindrical impulse-type dust collector bag is suspended in the dust collectors vertically. Dust gas enters the dust collector bag from the air inlet and the passage board, big dust particles were

filtered out into the dust hopper directly by inertia. When dust gas reached the filtering area of the box, dust is captured on the outer surface of the dust collector bags, and the gas flows into the pocket through filter media, then purified gas discharges from the outlet.