

针刺过滤材料 Needle Punched Filter Material



针刺过滤材料采用合成纤维或特种纤维，经过开松、混合、梳理、成网和重叠铺网，并对网层进行高频率的反复针刺和特定的表面处理，形成具有一定密度的三维结构的过滤材料，按不同的材质具有相应的物理和化学特性。产品主要应于各式除尘设备中配套的固汽分离，也可用于固液分离的板框压滤、带式过滤中。

Needle punched felt are mainly used for liquid filtration, air filtration and dust collection. Compared with ordinary filter material, needle-punched felt has many advantages as following: 1. High hole rate and good air permeability can increase the loading ability of the equipment and reduce loss and energy consumption. 2. High efficiency of cleaning and low density of gas. Gas density can be greatly lower than the country standard stipulation. 3. After Heating, singeing and coating treatment, the surface should be smooth, difficult to stop up and out of shape, easily-dedusting and long using-life usually 1 to 5 times longer than mechanical filter cloth. 4. Extensive use and good chemical stability. It can filter normal atmospheric temperature or high-temperature gas including corroding gas mixed with acid and alkali, water, oil. Needle-punching felt is widely used in metallurgy, chemical industry, building Materials, smelting, generating electricity, pottery, machinery, mine, petroleum, dyestuffs, food, grain processing, etc. It is an ideal medium to separate liquid from solid and ideal material to purify and filter gas.

品名 Model No.	主要材料 Material	本厂代号	单位面积 质量 (g / m ²) Weight(gram / m ²)	经纬断裂强度 Bursting Strength (warp/weft) (N/5 × 20cm)	厚度范围 Thickness (mm)
涤纶针刺毡 Polyester needle felt	涤纶纤维 Polyester fibre	DE	400-600	900-1500/1900-1800	1.7-2.1
丙纶针刺毡 Polypropylene needle felt	丙纶纤维 Polypropylene	PP	400-700	900-1500/1000-1500	1.8-2.6
防静电针刺毡 Anti-static needle felt	涤纶纤维 导电纤维 PET and electric fiber	DEF	400-600	900-1500/1100-1800	1.7-2.1
美塔斯针刺毡 Metamax needle felt	芳纶纤维 aramid fiber	MX	450-600	900-1500/1100-1500	1.7-2.1
氟美斯针刺毡 FMS needle felt	P84 玻璃纤维 P84 blended with fiber glass	FMS	>780	>2000/>2000	2.2-3.5
亚克力针刺毡	均聚丙烯腈纤维 Homopolymer acrylic	DT	400-600	900-1200/1000-1300	1.6-2.0
PPS 针刺毡 PPS needle felt	聚丙烯硫醚纤维 Polypropylene sulfide fibre	PPS	400-600	900-1200/1000-1300	1.6-2.0
液体过滤毡	涤纶纤维 丙纶纤维 Polyester fibre Polypropylene	/	320-550	/	2.1-2.6

* 注：上述各类针毡均可进行拒水、防油、阻燃处理或覆膜处理。
材料为聚四氟乙稀、含氟拒水剂、阻燃剂等。
各类规格的物理性能指标可按需定做。

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