

Technical Data Sheet
Aramid Filter Paper for Pleated Filter Cartridge
Industrial Dust Collector

Description	Products Code & Data
Aramid Filter Paper	N-ARM-290-PTFE-EI PTFE-EI : PFTE Emulsion Impregnated
Weight per Square Meter (Normal)	290 G
Material (Fiber/Emulsion)	ARM/PTFE
Thickness	1.5~1.7 mm
Air permeability	500/DM ² .Min@200Pa
Warp Tensile Strength	> 100N/5×20cm
Weft Tensile Strength	> 850N/5×20cm
Warp Elongation	< 6%/(5×20cm)
Weft Elongation	< 26%/(5×20cm)
Continuous service Temperature	< 204°C
Instant (<10Min.) Temperature bears	< 240°C
Liner Shrinkage@230 °C/2H	MD<0.3%, XD<0.3%
Mechanical Finish	Heat setting, singeing, calendering PTFE-ES : PFTE Emulsion Soaking
Special Surface or Deep Treatment (In case client specially request to)	PTFE Membrane Laminated (PTFE-ML), or PFTE Emulsion Impregnated (PTFE-EI)
Other Customize Requests	Acceptable depends on MOQ.

芳纶（俗称：芳香族聚酰胺纤维），长期耐温 204°C，瞬间耐温 240°C，耐碱性能很强，耐酸性能中等，是处理 180-220°C 高温性气体的良好材料。PTFE 乳液浸渍之后，所以纤维表面都被 PTFE 分子膜覆盖，滤材整体的抗腐蚀性得到极大提高；也具备了相当程度拒水防油的性能。广泛应用于钢铁、水泥、化工等行业，是一种理想的烟气除尘过滤材料。

Aramid (known as aromatic polyamide fiber), long-term operation temperature is 204°C, instant 240°C is fine, excellent anti-alkali, anti-acid is fair, aramid is a great material for treat 180°C-220°C gas.

PTFE emulsion impregnating is necessary to assure the bonding between membrane and felt absolute reliable. After Impregnated by PTFE Emulsion, the PTFE molecular cover all fibers throughout the felt.

Then the corrosion resistant ability is rapidly improved, water & oily repellent will be improved at some level. Also, dust cake removal performance is better than original felt.

Aramid needle punched felt widely applied in steel, cement, chemical industry, etc.

Remarks: Above data are the average tested results from a series of typical normal examine, for reference only.

