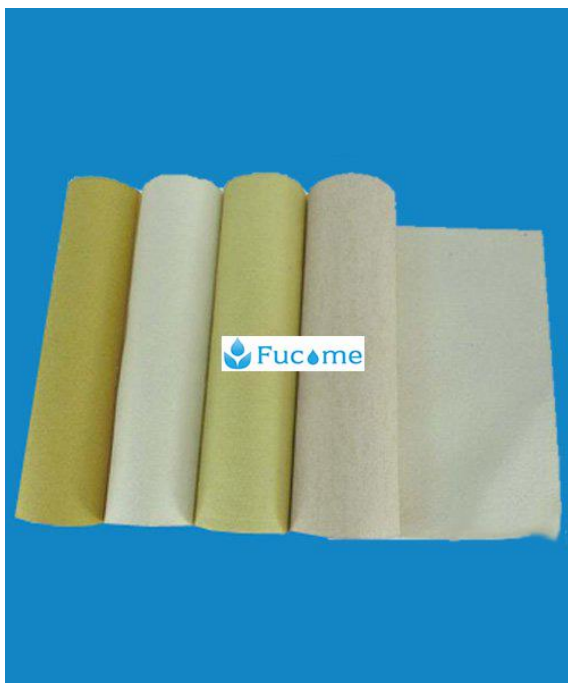




## Aramid(Nomex) Needle Felt Dust Filter Bags - Supplier China



### General Description

Nomex is one kind of aromatic polyamide fibers have good resistance and infusibility to heat and flame retardancy with slow carbonization. Fiber oxygen index can be in 29 ,temperature at 400 or more. It is more stable,folding endurance than glass fiber. Nomex needle felt can be continuous operated in the condition of 204 (instantaneous temperature 250 ), while less than 1% shrinkage only in the temperature 250 . Good chemical resistance at a low concentration of acid, most of the hydrocarbons does not affect to Nomex needle felt,even a small amount of fluoride won't obviously corrosion it. High tenacity & high wear resistance could be maintain if Nomex needle felt was long runing

## Feature

- Good dimensional stability
- Excellent resistance to high temperature
- High-wearing feature and folding endurance with long service life
- Wide chemical resistance
- Fire retardant performance: above 400 decomposition charring, limiting oxygen index (LOI) of 30, does not support combustion and not spontaneous combustion

## Application

- Blast furnace gas filter
- Petroleum fumes air filtering
- Coal fired boiler gas treatment
- Carbon black plant air filtration
- Asphaltum plant dust collection
- Metallurgical plant tail gas treatment
- Vertical kiln of cement plant dust filtration
- Non-ferrous metal smelter gas processing
- Tobacco manufacturing process gas filtration

## Performance Index

Material	Nomex / Aromatic polyamide	
Grams (g/m <sup>2</sup> )	500 - 550	
Density	0.29g/cm <sup>3</sup>	
Thickness (mm)	2.0-2.2	
Air permeability (m <sup>3</sup> /m <sup>2</sup> /min)	13-16	
Tensile strength warp (N/5×20cm)	warp	≥1300
	weft	≥1480
Tensile elongation (%)	warp	≤20
	weft	≤55
250°C Thermal Shrinkage	warp	<1
	weft	<1
Operating temperature (°C)	Continuous	204
	Instant	250
Filtration velocity (m/min)	1.0 - 1.2	
Acid-resisting	Excellent	
Alkali-resisting	Excellent	
Abrasive resistance	Excellent	
Hydrolytic stability	Good	
Finishing treatment	Singeing, calendering or Teflon Coating	

## Fucome DNA

- Good reputation with reliable service
- Superior filter media with reasonable price
- Advanced technique with leading design
- Strict quality control with timely delivery

## Partners



**Fucome Filtration Co., Ltd.**

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