



Glass Fiber Needle Felt Air Filter Bags



General Description

Glass Fiber Punched Needle Felt is made of high temperature resistant glass fiber fabric(In the long-term use of temperatures of up to 240 degrees Celsius, short time heat resistance can reach 280 degrees Celsius). It is a kind of three dimensional cellular structure and good performance dust filter bag material with corrosion resistance, stable dimensional, low elongation shrinkage, high strength etc.. Compare with other high temperature endurable fibers, glass fiber needle felt is lower cost, smaller running resistance, more better air filtration rating. It is wide apply in steel plant,

metallurgy, carbon black, power plant, cement and high temperature flue gas removal in chemical industry

Feature

- High & consistence Permeability
- Economical price for long run use
- Good condensation resistance, flexure resistance and alkali resistance
- High strength, good air filtering effect : dust collection efficiency is up to 99%
- Easy for cleaning, can be used in conditions of satisfy the mechanical shaking and high moisture (about 6% - 8%)

Application

- Metallurgic plant air cleaning
- Carbon black plant air filtration
- High temperature flue gas industry
- Iron and steel industry dust filtering
- Refuse incineration plant gas treatment
- Asphalt and cement plant dust collection

Performance Index

Material		Glass fiber / glass fiber blended needle felt	
Grams(g/m ²)		950	1000
Air permeability (m ³ /m ² /min)		15 - 40	15 - 40
Tensile strength (N/5×20cm)	warp	>2000	>2100
	weft	>1800	>2100
Tensile elongation (%)	warp	<10	<10
	weft	<10	<10
Temperature Resistance (°C)		280	280
Acid-resisting		Excellent	Excellent
Alkali-resisting		Good	Good
Abrasive resistance		Fair	Fair
Hydrolytic stability		Good	Good
Finishing treatment		PTFE processing	PTFE processing

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



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