

FILTER SLEEVES MANCHES FILTRANTES FILTERMOUWEN



Filter Bag Types and Application

Fiber Types	Product Code	Continuous Temperature	Peak Temperature	Application	Remark
Polyester	PE	130°C	150°C	Applicable to mine, limestone, cement, iron and steel industries, alumina delivery, electrolytic aluminum, non-ferrous metal production, wood processing and pharmacy industry.	Good resistance to oxidation, while limited resistance to acids and alkalis. Service life will be affected by hydrolysis at high temperature.
Polyacrylonitrile Homo polymer	PAC	125°C	150°C	Applicable to detergent, spray dryer, coal mill and power plant industries.	Good resistance to hydrolysis.
Polypropylene	PPS	160°C	190°C	Applicable to the working conditions with low-oxidation gas from coal-fired boiler, waste incineration, metal smelting, and chemical industries.	Moderate resistance to oxidation, but excellent resistance to acids, alkali's and hydrolysis.
m-Aramide	Nomex / Conex	204°C	240°C	Applicable to asphalt, non-ferrous metal production, ceramic, glass industries, cement, and blast furnace in steel factories.	Service life will be affected by hydrolysis at high temperature.
Polyimide	PI / P84	240°C	260°C	Applicable to the working conditions with corrosive gas, such as chemical, metal smelting, waste incineration industries, cement kiln and coal-fired boiler.	Excellent resistance to high peak temperature.
Polytetrafluoro-ethylene	PTFE	240°C	260°C	Applicable to the working conditions with high-corrosive gas, such as chemical, metal smelting, waste incineration industries, cement kiln and coal-fired boiler.	Excellent resistance to all chemical influences.
Fiberglass	GL	240°C	260°C	Applicable to cement kiln filter, power plants, municipal waste incinerators.	Excellent resistance to oxidation, Sensitive to mechanical stress.