

## Ceramic Elements

Sefar Filtration offers a unique solution for high temperature dust/particle/fume removal to industry.





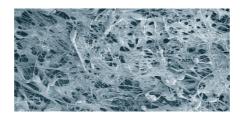


## **Product Features**

## Ceramic Elements

Sefar Filtration proudly represents BWF Envirotec, producers of the KE85 range of Ceramic Filter Elements for particle removal in high temperature applications.

The dust removal of exhaust gases at high temperatures at an early stage is being demanded not only from an economical but also from an ecological point of view. Textile filter media made from synthetic fibres reach their limits in hot gas filtration because of their inadequate temperature resistance and their combustibility.





The KE85 range of high temperature ceramic elements has proven ideal for many applications where more demanding environments are evident.

**Product Features** 



■ Fibre material is biosoluble to EU Standard Q67/69/EC	
■ Fibre material is harmless as opposed to fibreglass	
■ Not sensitive to sparks	
Non flammable	
Excellent chemical resistance	
■ Self supporting elements (no cages required)	
■ High air permeability	
■ Lowest emission rates (<1 mg dust/Nm2)	
■ Light weight	
Fields of Application	
■ Carbide fumes	
Wood combustion	
Pyrolysis of contaminated solids  Page line of radio active material	
Recycling of radio-active material	
Non-ferrous metal smelting furnaces	
Catalyst fluidised bed	
Waste incineration	
■ Calcinations process	
■ Precious metals	
Locations	
Lucations	

■ High temperature applications up to 850 °C (peaks possible to 1000 °C)



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