

# Ceramic Elements

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





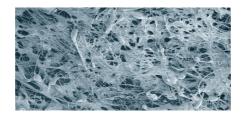


## **Product Features**

#### 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
Recycling of radio-active material
Non-ferrous metal smelting furnaces
Catalyst fluidised bed
■ Waste incineration
■ Calcinations process
■ Precious metals
Locations

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







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