Ceramic Elements

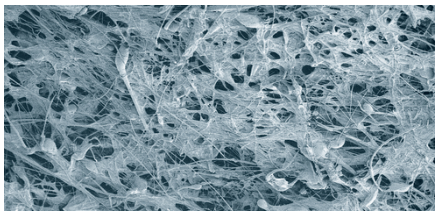
Sefar Filtration offers a unique solution for high temperature dust/particle/fume removal to industry.

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

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

Sefar Pty Ltd
Filtration and Metal Mesh

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- 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

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