

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 Inc.

111 Calumet Street
 Buffalo, NY 14043 – USA

Phone 800 995 0531

sales.us@sefar.com

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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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Sefar BDH Inc.

200 rue Clement Gilbert
Saguenay QC, G7H 5B1 – Canada
Phone: +1 418 690 0888
Fax: +1 418 690 9499

 [E-Mail](#)



Sefar Inc.

Kansas City, MO – USA
Phone: 800 995 0531
Fax: +1 816 452 2183

 [E-Mail](#)



Sefar Inc.

Los Angeles, CA – USA
Phone: 800 995 0531
Fax: +1 909 544 5901

 [E-Mail](#)



Sefar Inc.

Gray, GA – USA
Phone: 800 995 0531
Fax: +1 478 986 6953

 [E-Mail](#)



Sefar Inc.

111 Calumet Street
Buffalo, NY 14043 – USA
Phone: 800 995 0531
Fax:

 [E-Mail](#)

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