B R O C H U R E

# **Hot Gas Filtration**



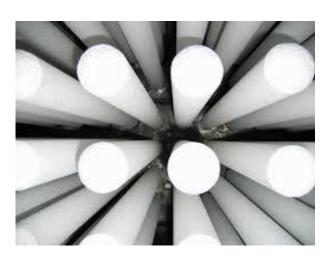
## Filter Elements & Screens for Hot Gas Filtration



Using hot gas filter elements to protect heat exchangers, catalytic conversion unit, turbines, scrubbers and other downstream equipment from erosion and fouling, and prevent blockage in the condensation or desublimation processes.

#### Introduction

Filter mesh and filter elements from WEB WIRE MESH have features of high temperature resistance and withstand extreme stress, which makes it ideal for hot gas filtration applications. In the chemical industry, the filter elements are commonly used for dust filtration in biofuel processing, catalytic oxidation processes and combustion processes. In addition, the filter elements also can be used as vapor filters in pharmaceutical industry.



Idea for	Filter Elements	Features & Benefits
<ul> <li>Biofuel processing</li> <li>Power generation</li> <li>Spark arresting screens</li> <li>Catalyst recovery media</li> <li>Combustion processes</li> <li>Catalytic oxidation process</li> </ul>	<ul> <li>Sintered filter discs</li> <li>Filter leaves</li> <li>Candle filters</li> <li>Filter baskets</li> </ul>	<ul> <li>High temperature resistance</li> <li>Lower operation costs</li> <li>Durable and can be easily cleaned</li> <li>Good regenerative capacity</li> <li>Low pressure drop</li> <li>Longer element life</li> </ul>

## **Technical Parameters**

#### When odering, please specify:

#### 1. Types

Sintered filter discs, filter leaves, candle filters, filter baskets

### 2. Filtration rating

From 5 micron to 800 micron

#### 3. Material

Stainelss steel 304, 316L, 321

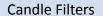






Filter Leaves







Filter baskets

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