Non-Catalytic Ceramic Fiber Filter Element

Tapered ceramic fiber element for high-temperature particulate filtration and pulse-cleaning systems.

Product route

- Vacuum-formed ceramic fiber body with integrated flange and closed end
- Tapered body supports installation, gas flow and pulse cleaning
- Physical particulate filtration; no catalyst layer
- System performance depends on gas, dust, velocity, cleaning and seal

Published reference values

Item	Reference
Operating range	200-800 C
Porosity	>= 82%
Reference density	< 370 kg/m3
Filtration velocity	1.0-1.2 m/min
Standard length	3000 or 4000 mm
Reference diameter	150 mm body; tapered form
Reference filtration area	1.4 m2 at 3000 mm; 1.7 m2 at 4000 mm

RFQ inputs

- Gas temperature, composition, moisture and corrosive species
- Flow, dust loading, particles and outlet target
- Length, flange, tube sheet, gasket and venturi
- Pulse logic, quantity, inspection and packing

Order specification

State the required grade, dimensions, density, construction and operating conditions with your inquiry. The quotation and approved drawing identify the supplied configuration, electrical values and agreed inspection criteria.

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