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## **Evaluation of Sintered Metal Filters for Gas Filtration Applications**

Status: Accepted

Category: 2 Filter Testing

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When selecting industrial process equipment for gas/solids separation, one can choose from several different technologies ranging from gravity settling to cyclones to scrubbers to electrostatic precipitation to filtration. Each has its own degree of effectiveness and cost. In applications where high removal efficiency is critical, filtration has no equal. The reason for this is simple. Compared to other methods, filtration is the only one which provides a positive barrier between the process and the "particle free" stream. Furthermore, new governmental regulations are imposing tighter limits on the quality and quantity of gaseous emissions to the atmosphere, thereby increasing the industrial opportunities for hot gas filtration.