



The newest generation of high performance
advanced ceramic filters!

Alucel™ High Surface Area Filters

Patent Pending



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Alucel™ alumina filters are a highly porous, open-cell sintered ceramic material. For years, these filters have offered casting solutions to the non-ferrous metal melter by removing non-metallic inclusions in the most demanding applications.

Now Hi-Tech Ceramics introduces the newest generation of high performance advanced ceramic filters—Alucel™ High Surface Area Filters. For a given filter bowl size, the unique patent pending design of an undulating geometry increases the surface area available for inclusion capture. This eliminates the need for casting line operators to disturb the metal over the filter or to tap the filter bowl prior to the end of a cast causing possible inclusion release. With

approximately 30% higher surface area, the filter allows greater ease of priming and better flow rate, enabling the use of smaller pore size filters for more effective removal of smaller non-metallic inclusions.

So, go with the flow and try the newest generation of filters from Hi-Tech Ceramics!

Contact our main office or sales office in your area to speak with a technical sales engineer about solutions to your casting problems.