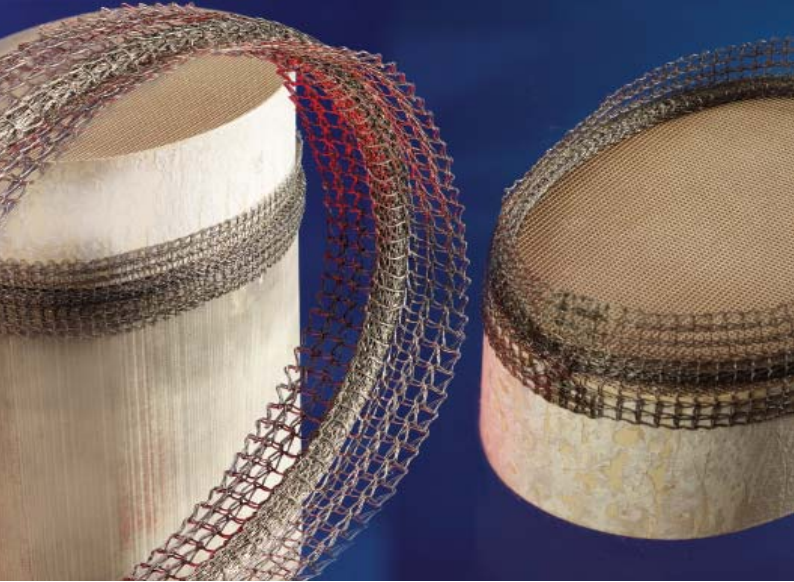


Separation Rings



Description:

KnitMesh Technologies® separation rings are used to maintain a constant gap between two ceramic honeycomb bricks in twin brick catalytic converters.

How They Work

Twin brick catalytic converters require a component to keep apart the two ceramic honeycomb bricks at a constant gap.

Using a metallic knitted wire mesh separation ring ensures the gap is consistent and consequently prevents gas erosion of intumescent mats.

Separation rings can be produced in a wide range of materials for example 304, 316, 321, 310, and 310S stainless steel, additionally Inconel 601* can be used in high temperature applications.

*Inconel is a registered trade mark of Special Metals Corporation, USA.

Quality Assurance

KnitMesh Technologies® is accredited to ISO9001:2008, ISO 14001:2004, OHSAS 18001:2007, PAS 99:2006 and ISO/TS 16949:2009



Customer Support

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Features and Benefits

- Can be manufactured to suit round or oval ceramic monolithic bricks.
- Easy to install.
- Cost effective over other solutions.
- Does not chip the ceramic monolith.
- Man made materials such as ceramic yarns can be co-knit with a metal filament to improve sealing and further reduce the possibility of gas bypass.
- Materials available to suit temperatures exceeding 1000 degrees centigrade.



www.knitmeshtechnologies.com