

Spacer Rings



KnitMesh Technologies® spacer rings and air gap seals are used extensively on dual pipe exhaust systems and down pipes.

Sandwiched between the inner and outer pipes, spacer rings allow a constant gap to be maintained even with thermal expansion due to temperature changes within the exhaust system.



How They Work

Spacers act as extremely effective vibration dampers due to the tiny springs that are formed by the looped wires created during the knitting process.

Produced normally from grade 304 or 316 stainless steel other high temperature grades such as 321, 309, 310 and 310S may also be used.

For temperatures exceeding 1000°C Inconel* 601 is also available.

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

Quality Assurance

KnitMesh Technologies® is accredited to:
ISO9001:2008, ISO14001:2004, OHSAS18001:2007, PAS
99:2006 and ISO/TS 16949:2009



Features and Benefits

- Low cost manufacture due to state of the art manufacturing techniques.
- Wide range of materials available to suit temperature requirements up to and exceeding 1000°C.
- Besides ring shaped spacers other profiled shapes can be produced to suit different pipe designs.
- Prototypes can be produced cheaply and quickly from low cost die sets reducing product development time.

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