

# Engine Breathers



## Description:

KnitMesh Technologies® has over 40 years experience in the manufacture of knitted wire breather elements for engines used in automotive, marine and other industrial environments..

## How They Work

Environmental legislation is increasingly placing demands on internal combustion engine manufacturers to reduce emissions from crankcase breather systems which is where fitting a KnitMesh breather can be a great advantage.

Typical efficiencies of 99% removal of all oil droplets between 3 and 10 microns coupled with a low pressure drop of often less than 5 millibar is achievable. Breather elements are normally manufactured from high quality galvanised steel but other materials such as stainless steel are available if enhanced corrosion and temperature resistance is required.

## 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

- Highly efficient moisture removal with low or negligible pressure drop.
- Refined manufacturing techniques allow cost effective pricing.
- Can be die compressed, layered or spiral wound to accommodate any size or cavity shape.
- Will operate effectively over a wide temperature range depending on material choice.
- Density and surface area are easily varied to suit efficiency requirements.
- Samples for testing can be produced at short notice.
- Tooling if required is low cost
- Easily installed in housings or engine cavities.
- Long lasting performance.



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