

ENGINE BREATHERS



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

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.

 **KnitMesh**

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