

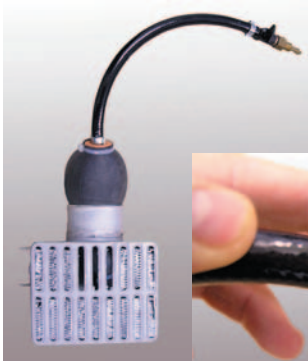
Pipestoppers™

# Irregular Shape Stopping & Pressure Testing

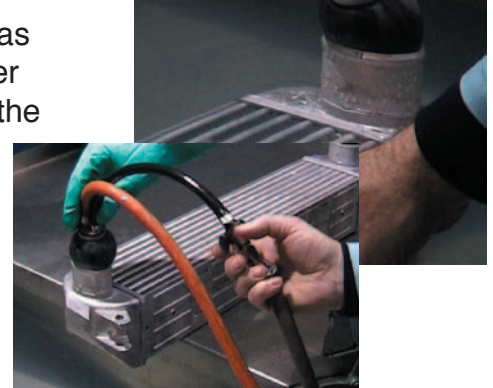
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Huntingdon Fusion Techniques' development team has extended its range of inflatable seals to allow for pressure testing of non-circular and even irregular products.

Example: 1 - Heat exchanger leak testing.



It may be because of design issues such as limited space or it may be down to the ever increasing need to meet the æsthetics of the product but more and more often irregular shaped products are being used.



A leading radiator manufacturer approached HFT with a problem connected with an intercooler. HFT worked closely with them to develop a product for sealing the irregular shaped inlets and outlets which incorporated a bypass hose to apply gas for leak testing.

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Example: 2 - Kettle leak testing.



An example of the versatility of these expandable devices is provided by a recent customer requirement to test kettle bodies for leaks.

The special design of stopper allowed it to be inserted into the neck of the kettle and inflated to a nominal 0.5 bar to accommodate various moulded irregularities inside the body.



Despite the irregularities the stopper provided total sealing for internal pressure testing of the kettle.