



FLUOROCARBON CASE STUDY

INJECTION MOULDED ENERGY ABSORBING PFA MASK - FL305

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THE CHALLENGE

Our client needed a solution to enable them to carry out minute laser trepanning of their turbine blades needed to assist airflow and the cooling process without causing damage to the internal facing of the opposing surface.

THE SOLUTION

Fluorocarbon developed a high performance energy absorbing mask to be inserted into the turbine blade structure, thus enabling the laser to make the burr hole required.

THE OUTCOME

The masks not only provided the required solution but saved this Aerospace OEM money as the masks were produced by injection moulding which is more cost effective and efficient than other types of moulding processes for high quantity requirements.