



# FOAM ENGINEERS

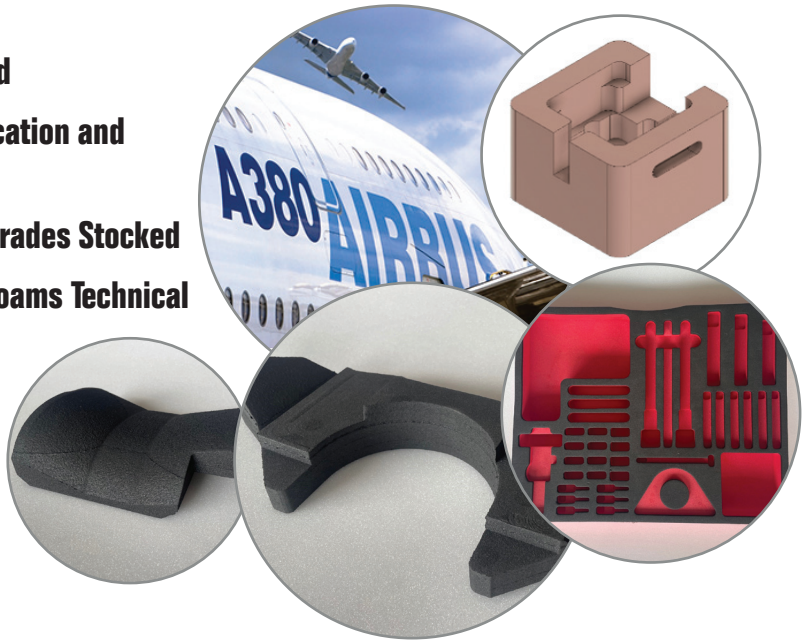
INNOVATE ▶ DESIGN ▶ MANUFACTURE

Foam Engineers works closely with major manufacturers and companies operating in the civil and military airline and aerospace industry. We produce specialised foam products supplied to the UK, European and American markets.

We are able to offer the combination of high specification foam types, alongside complex manufacturing and shaping technologies, backed up by quality assurance systems which provide in depth analysis, monitoring and traceability.

Please read on for further information on the Zotefoams materials we fabricate into technical products.

- ▶ **Airbus Approved**
- ▶ **Technical Fabrication and Block Resale**
- ▶ **All Aerospace Grades Stocked**
- ▶ **Approved Zotefoams Technical Fabricator**
- ▶ **ISO 9001: 2015**
- ▶ **Full In-house Design Team**
- ▶ **Automated CNC Cutting**



**AZOTE®** Aviation and Aerospace foams offer a unique combination of benefits for aviation and aerospace markets. The range of lightweight, crosslinked polyolefin block foams includes the lightest OEM approved FR grade aviation foam, conductive and static dissipative grades compatible with sensitive electronic components.

**AZOTE®** foams characteristics offer lightweight, low odour, crosslinked, closed cell with amazingly consistent cell size.

We offer a range of high quality finished products from a wide variety of converting processes, including; thermoforming, water jet cutting, CNC routing, die cutting.

## **AZOTE® Applications**

Aircraft seating, insulation, seals, ducts, buoyancy aids and packaging.

## ZOTEK® F

ZOTEK F is a high-performance closed cell, crosslinked fluoropolymer (PVDF) foam that provides outstanding flame, smoke and toxicity (FST) performance and is inherently flame retardant, making it the perfect lightweight choice for many applications in air and space craft interiors.

- ▶ **Available in a range of grades (extra rigid, rigid, semi rigid and flexible)**
- ▶ **Resistant to moisture and mould growth, chemicals and UV rays**
- ▶ **Self-Insulating with no requirement for a post-insulating component**

## ZOTEK® F Flammability Performance

Meets stringent aviation interior flammability requirements. ZOTEK® F also meets BMS 8-371D & AIMS04-14-009. Its OSU grades meet FAR 25.853(d) and exhibit exceptionally low heat release.

## ZOTEK® F – Applications

- ▶ **Aircraft Interiors**
- ▶ **Aircraft Airframe**
- ▶ **Insulation**
- ▶ **Environmental Control**
- ▶ **Ducting applications**
- ▶ **Soft touch trims**
- ▶ **Aircraft carpet underlay**

WE STOCK AND CONVERT AZOTE® AND ZOTEK®  
FOAMS AVAILABLE IN:

- ✓ **SPECIFIC AVIATION GRADES**
- ✓ **A RANGE OF DENSITIES & COLOURS**
- ✓ **FLAME RETARDANT GRADES**
- ✓ **CONDUCTIVE AND STATIC DISSIPATIVE GRADES**

\*Full data sheets and further information available on request



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