



DIS supply insulation solutions for both commercial and military programmes using in-house design capability and a wide variety of insulation materials. Example applications include the development and manufacture of thermal systems for:

- Nacelles
- High and low temperature pneumatic ducts
- Engine control management systems
- Exhaust systems
- Environmental control systems
- Firewalls and high temperature enclosures

DIS has 60 years experience for the provision of thermal insulation for aircraft engine nacelle and struts. Thermal and fire blankets provide a thermal barrier to allow the engine to function correctly at high temperatures. The insulation system protects the nacelle from thermal damage during the engagement of the thrust reverser. Where composite structures are used, it's crucial to protect the structure from high temperatures and other environmental conditions.

Using specialist and developed in-house skills, DIS specialises in providing lightweight thermal solutions, tailored to the component configuration providing the required protection. To supplement the design capability, our manufacturing process is geared towards meeting specific customer requirements while meeting the key business objectives of quality, cost & delivery.

