

Environmental Control System Solutions

ITT has been providing the aerospace industry with a wide range of ECS components and systems for over 40 years. We supply build to print components, designed components and ducting systems. We work with OEMs through Tier 2 suppliers, with no opportunity too small or large for us to design and manufacture. Our updated facility allows us to provide low cost manufacturing while meeting the high quality requirements of the aerospace industry.

Design Features

- Low cost
- Low weight
- High reliability
- Custom end fittings
- Integrated parts
- Hybrid components
 - Composite, Elastomeric, Metal

Products

- Composite ducts
- Flexible hoses
- Insulated hoses and ducts
- Straight connectors
- Bellows connectors
- Plenums
- Vents
- Rigid noise silencer ducts
- Flexible mufflers

Customers

- | | |
|---|---|
| <ul style="list-style-type: none">• Airbus• B/E Aerospace• Boeing• Bombardier• Cirrus• Embraer• General Dynamics• Gulfstream• Hawker Beechcraft• Honda• Honeywell | <ul style="list-style-type: none">• Lockheed Martin• Mitsubishi• ST Aerospace• Meggitt• Nordam• Nothrup Grumman• Piper• Senior Aerospace• Sikorsky• Triumph• Zodiac / C&D |
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Low Pressure ECS Ducting and Hoses



Construction

- Composites
 - Bismaleimide
 - Graphite
 - Epoxy
 - Phenolic
 - Polyester
- Carrier Materials
 - Cotton
 - Dacron
 - Fiberglass
 - Kevlar
 - Nomex
 - Nylon
- Elastomers
 - Silicone
 - Fluorosilicone
 - Neoprene
 - Nitrile
 - Viton
 - Buna-N
- Honeycomb



Manufacturing Capabilities

- Automated ply cutting
- CMM/FaroArms
- Class 10,000 clean rooms
- Autoclaves
- Walk-in ovens
- Cold rooms
- Ultrasonic bond testers
- Laser part making
- Aluminum, salt & plaster tooling
- Metal fabrication



Quality

- Boeing D6-82479, D1-9000
- Boeing BAC 5331
- MIL-I-45208



Other ITT Aerospace Controls ECS Products

- High temperature noise silencer ducts
- Electric air heaters
- Floor and foot warmers
- V-band clamp insulation covers

AS9100 and ISO 9001 Certified
EASA Approved
FAA Approved Repair Station
Nadcap Welding Approved



ENGINEERED FOR LIFE

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