



ITT

Aerospace Controls

Composite Valves



ITT Aerospace Controls offers a wide range of high strength, low weight composite valves for a variety of applications.

These high performance valves are well suited for standard jobs, while our advanced composite design allows us to tackle more difficult fuel, pneumatic and electromechanical power source applications.



ITT has proprietary composite materials that allow for electrical conductivity to meet bonding resistance requirements. Material compatibility properties eliminate galvanic corrosion.



As a provider of composite valves since 1985, ITT Aerospace Controls has been producing these composite designs in a uniquely equipped, large volume injection molding system.



Features

- High temperature composite based resin
- Meets current hydraulic, fuel and pneumatics MIL-STANDARDS
- Ambient range: -65°F to 295°F
- Typical operating pressure: 0-150 PSI
- Galvanic compatibility with aluminum; electrically conductive
- Weight optimized through finite element analysis
- Qualified for commercial and military use

Engineered for life