



Aviation and Space



Development Program

Pre-Design and Design Phase

Thermal-Structural Model

Engineering Model-1

Qualification Tests

Engineering Model-2

Flight Model

Acceptance Tests

Standards

ECSS European Cooperation for Space Standardization

ANSI/AIAA

ISO International Standard

Product Lines

Composite Overwrapped Pressure Vessels (COPVs)

Structural Struts



IZOREEL qualified products have space heritage and been employed in TURKSAT 6A and IMECE Satellites.

IZOREEL Testing Facilities

Structural Struts Mechanical Testing

2000 bar hydraulic burst unit

PLC-controlled hydraulic cycle testing machine

Pressure Booster Unit (up to 700 bar).

GC-MS Gas Chromatography

Fourier Transform Infrared Spectrometer (FT-IR)

Helium Leak Test (with vacuum chambers)