

WHEN IT CAN'T FAIL

Choose Greene Tweed

For more than 60 years, Greene Tweed has designed and manufactured materials and engineered components that perform for the Aerospace and Defense industry – no excuses, no exceptions.



Fairings



Structural Air Flow Doors



Housings & Enclosures



Brackets & Fittings



Lightweight Structures

THE BENEFITS OF XYCOMP® DISCONTINUOUS LONG FIBER (DLF™) COMPOSITES

Lightweight, high-performance alternative to metal parts, components, and assemblies

STRENGTH & PERFORMANCE

- Aerospace-grade carbon fiber pre-preg tape (AS4/PEEK, PEKK, PEI)
- Matched-die compression molded
- Superior strength-to-weight ratio
- Excellent impact performance
- Thermal stability, chemical and environmental resistance
- Galvanic corrosion mitigation

WEIGHT SAVINGS

- Significant reduction in density vs. metals
- Typical application weight savings of 35-50%

TESTED & APPROVED

- OEM and Tier 1 supplier approvals (incl. GE, Rolls Royce, Pratt & Whitney, Collins Aerospace, Safran)
- Meets FAA/EASA Burn Test and FST requirements

THE GREENE TWEED IMPRINT

- Full-service partner – in-house engineering, design, testing & analysis
- Full Xycomp DLF design allowables data
- Over 200,000 Xycomp DLF components flying
- Global presence and support



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