



COMPOSITE EXTERNAL FUEL TANKS

Extend Mission Range



General Dynamics Ordnance and Tactical Systems produces lightweight external composite fuel tanks for a variety of aircraft. General Dynamics' external fuel tanks are essential to extend mission range for military aircraft.

The fuel tanks are fabricated using non-metallic filament-wound materials incorporating sandwich construction. The tanks have a filament-wound inner liner that acts as a fuel permeation barrier. Composite construction allows us to offer durable external fuel tanks that provide extended combat range without a major weight constraint.

The filament-wound outer skin is made of a hybrid glass/carbon construction and incorporates features to provide damage tolerance and protect the contents of the tank.

Our external fuel tanks meet stringent survivability requirements critical in aircraft carrier and combat environments, including flame resistance, ballistic and drop impact, and explosion containment.



GENERAL DYNAMICS
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