GRAM™

STEALTH-COMPOSITE

GRAFREN

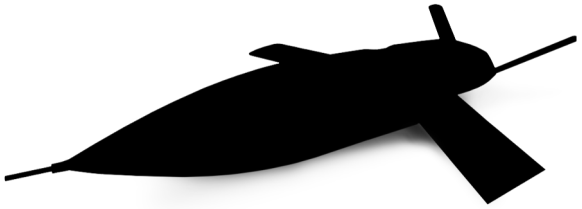
STEALTH FOR DRONES

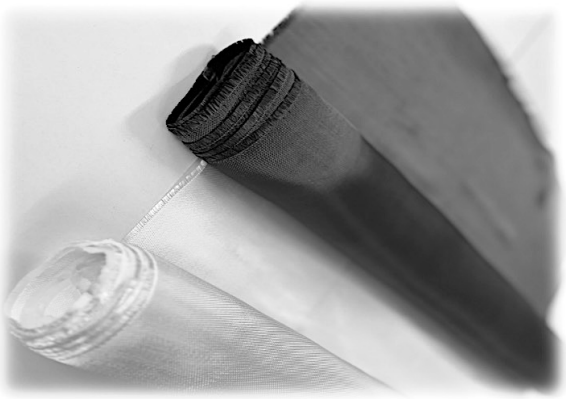
COMPOSITE MATERIALS WITH LOW RADAR VISIBILITY

We offer a **reduction of radar visibility** for composite materials used in diverse UAVs: drones, loitering munitions, cruising missiles.

Our solution makes UAVs:

- less detectable
- harder to identify
- less vulnerable to interception

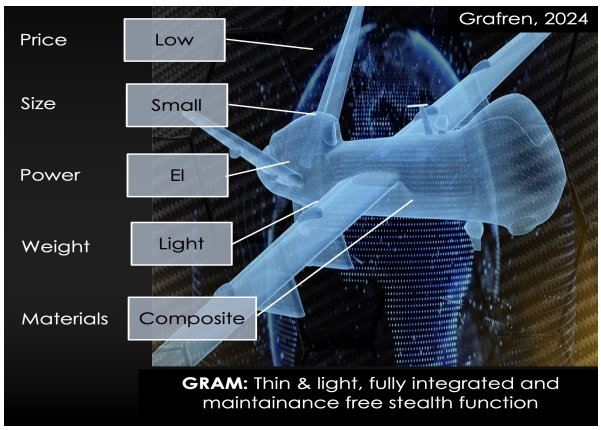




GRAM™ is a glass fiber fabric with a unique nanocoating that efficiently absorbs radio waves. It can be tailored for required efficiency (-10 to -30 dB) and optimal frequency (S, X, Ku, Ka, W bands).

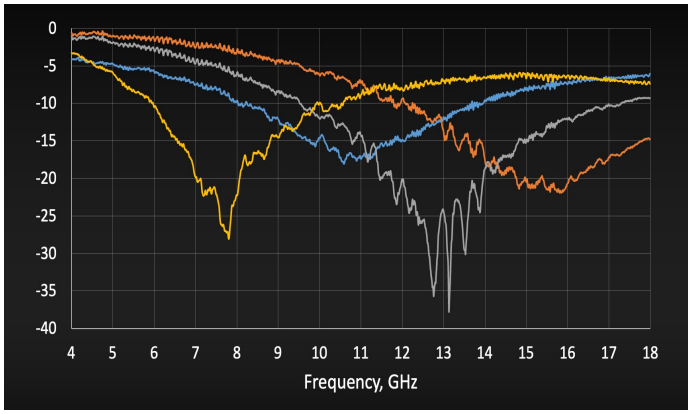
- It can be provided as ultralight composite plates (0.7 to 1.9 kg/sqm) or single fabric layer, which may be directly integrated by users into the composite during manufacturing.
- It can be used as a single layer or in combination with carbon, metal, and radio-transparent composite core materials (foams, honeycombs) in complex designs.

GRAM™ Technology



GRAM™ fabric addresses the new challenges of current defense and military technologies and provides innovative protection against modern radar detection systems.

Stealth Performance of GRAM™



GRAM™ is primarily intended for aerial vehicles due to its low weight but it may also be successfully used for marine and ground-based unmanned vehicles on the battlefield.

Light weight

Volumetric effect

Hard & Durable

Manufacturing Compatible

Zero Maintenance Cost

GRAFREN

Graphene that works™

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