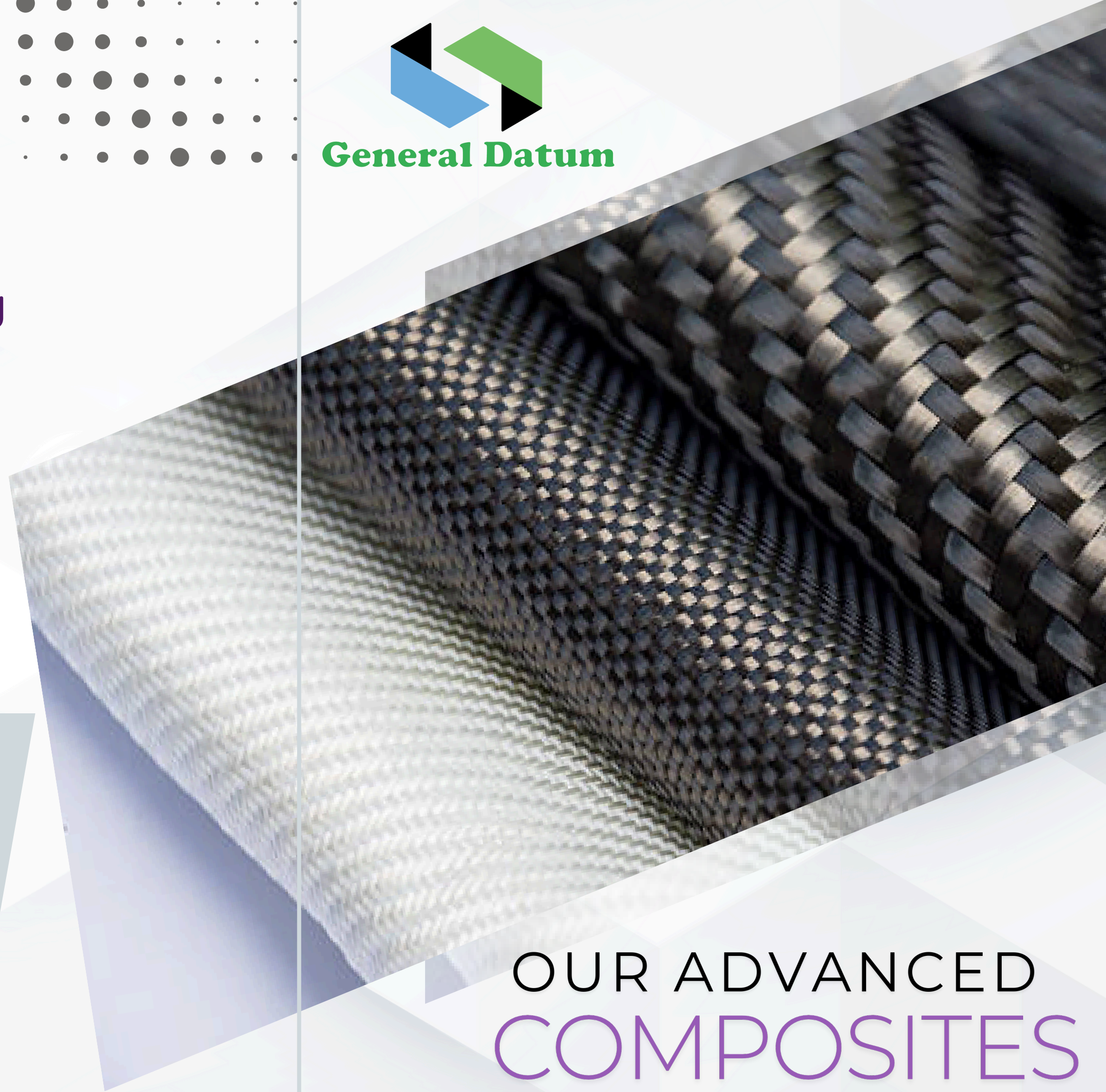


# PROCESS

- Wet / Hand Layup
- Oven Curing
- Autoclave Processing
- Vacuum Bagging
- Resin Infusion
- Filament Winding
- Closed Molding



**General Datum**



## REACH US



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OUR ADVANCED  
COMPOSITES

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## ABOUT US

We are specialized in providing innovative and cost-effective solutions for complex challenges in advanced composite materials. Our mission is to simplify problem-solving through expert design, technical knowledge, and seamless manufacturability, ensuring reduced lead times and superior quality.

### OUR EXPERTISE

- Product Design
- Tool design
- Finite Element Analysis (FEA)
- Manufacturing
- Material Science



Defence

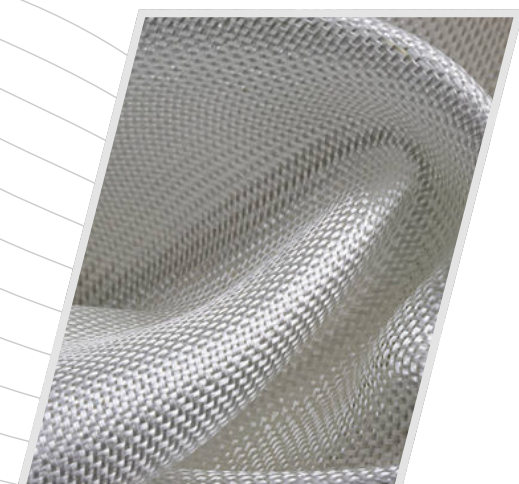


Aerospace

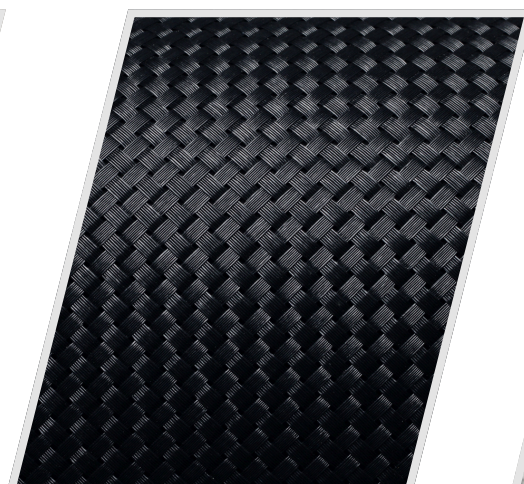


Marine

### FABRICS



GLASS FIBRE



CARBON FIBRE



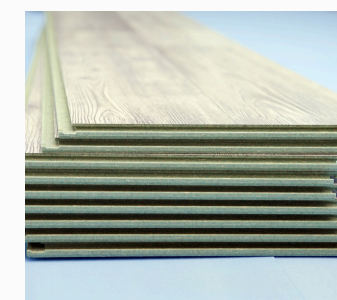
QUARTZ FIBRE

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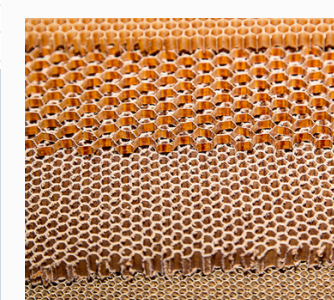
## CORE MATERIAL FOR SANDWICH LAMINATES



Special wood



Foams



Honeycomb

MATERIAL TYPE	MATERIAL	DIELECTRIC CONSTANT
FABRICS	Glass Fiber	4.5 to 6.0
	Carbon Fiber	10 to 20
	Quartz Fabric	3.7
RESINS	Epoxy Resin	3.2 to 4.4
	Polyester Resin	2.5 to 3.5
	Vinyl Ester Resin	3.0 to 3.5
	Cyanate Ester Resin	2.7 to 3.3

### PREPREGS

Epoxy Prepregs  
Cyanate Ester Prepregs

### RESINS

Epoxy, Cyanate Ester,  
Polyester & Vinyl Ester

### TOOLING & MACHINING

Jigs/Fixtures  
Moulds  
CNC machining

### APPLICATIONS

- Enclosures (Radome & Housings)
- Structural (Radar invisible mounts)
- UAVs, Vehicle armour, and protective parts

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