

CARBON FİBER 3K TUBE

Product Description:

Carbon fiber 3K tube is a high performance tube manufactured using high quality, very precise techniques using 100% carbon fiber epoxy prepreg. It is easy to apply, it is much more durable by weight compared to steel, aluminum and titanium tubes.

Application Areas:

- Special types of kites
- R/C models
- Machine parts
- Model and hobby
- UAV
- It is preferred in small or large-scale projects where lightness and strength are important, such as robotic applications.

Features and Advantages:

- Lightweight
- High mechanical strength
- Not affected by moisture and water
- Easy cutting, practical application
- Esthetic
- Zero thermal expansion
- Calibrated
- They are special type pipes made of carbon fiber epoxy prepregten with precision surface treatment.

Technical Specifications:

Product	Carbon Fiber Prepreg	Prepreg
Structure	%60 - %40	0° ,90°
Type of fiber	Carbon Fiber Prepreg	
Type of resin	Epoksi	
Fiber Content by Weight	>60	%
Fiber Content by Volume	>50	%
Strength (Fiber Direction)	>2080	Mpa
Compression Strength (Fiber Direction)	>1450	Mpa
Tensile Modulus (Fiber Direction)	>145	Gpa
Density	>1,50	g/cm3