

BATCH TEST REPORT

T300 3K Roll-Wrapped Carbon Fiber Tube — SAMPLE DOCUMENT

Manufacturer	Dongguan Rickson Technology Co., Ltd. (■■■■■■■■■■■■■■■■■■■■)
Address	Dongguan, Guangdong, China
Product	Roll-wrapped carbon fiber tube, T300 3K carbon fiber / epoxy
Standard size	OD 6–30 mm · wall 1.0 mm · lengths 0.5 / 1 / 2 m
Document no.	SAMPLE-TR-2026-001 (typical values — issued per batch on order)

1. Mechanical Properties (Typical Values)

Property	Typical Value	Test Method / Note
Density	1.5–1.6 g/cm³	Archimedes; ~1/5 the weight of steel
Tensile strength (axial)	≥ 1000 MPa	Varies with layup and wall thickness
Tensile modulus (axial)	≥ 90 GPa	High stiffness, low deflection
Flexural strength	≥ 900 MPa	Suitable for structural loads
OD tolerance	± 0.2 mm	Standard products
Wall tolerance	± 0.1 mm	Standard 1.0 mm wall
Straightness	≤ 1 mm/m	Straightening available
Operating temperature	–50 ~ +120 °C	Epoxy resin system
Surface finish	Matte / Glossy	Customizable on request

2. Visual & Dimensional Inspection (Per Batch)

Item	Criterion	Result
Weave appearance	Uniform 3K twill, no dry spots / resin starvation	PASS
Surface	No cracks, delamination or fiber misalignment	PASS
Dimensions	OD / wall within tolerance, per sampling plan	PASS
Straightness	≤ 1 mm/m over full length	PASS

NOTE — This is a SAMPLE document showing the format and typical reference values of our T300 3K roll-wrapped tubes. Actual measured values are issued with each production batch against the order number. Contact: alexpeng955@gmail.com · www.carbonfiberstore.net

— SAMPLE — Not a certificate of conformity for any specific batch —