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Hicarb UD Carbon Product Data Sheet

Hicarb UD Carbon Fibre Reinforced Tube

Material Details

Grade:	Hicarb UD Carbon
Description:	Epoxy Carbon UD. Carbon Fibre reinforced tubes
Comments:	Intermediate modulus unidirectional carbon fibre used where high axial stiffness and strength are a requirement. Commonly combined with other materials in the Hicarb range and with Lectraglass EPR to produce hybrid tubes with specific product properties. Tubes can be produced with angle ply layers. Applications include lightweight military communications masts, offshore oil industry equipment, racing dinghy steering gear, anemometer shafts, lightweight air shafts for textile/ paper industries.
Size:	Up to 3000 mm possible Thickness Range: Min i.d 9 mm Max o.d. 150 mm Min wall 1.0mm(Ground) 2.0mm(as produced).

Disclaimer: The above values are based upon routine test data and do not form the basis of a supply contract. These products may be used in a diverse range of applications and whilst every effort is made to ensure the information in this data sheet is accurate, it must be stressed that it is the user’s responsibility to ensure suitability for the intended end use.

Source: https://www.attwater.com/products/hicarb-ud-carbon/