



Cristex Composite Materials

Product: **TCU 520**

Woven UD Carbon Tape Data Sheet:

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	gr/m ²	525	± 5%	ISO 4605
Weave		Plain		ISO 2113
Standard width	mm	From 10mm – 200mm	± 2.5%	
Laminate thickness	mm	0.50	± 2.5%	ISO 5084(**)
Other information				

Nominal Construction		Warp		Weft	
Fibre description		HR Carbon Fibre 12K - 8000 dtex		Glass Fibre EC 9 68 tex	
Thread count	ends/cm	6.2	ISO 4602	2 x 2	ISO 4602
Weight distribution	gr/m ²	12K Carbon fibre	496	Glass fibre	28
	%		95%		5%

(**) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.

Date of issue: 06/06/2013