



# WOVEN TAPE

## Technical Data Sheet

### Carbon Tape

Product Code: **TCU 330**

<b>CHARACTERISTICS</b>	<b>Nominal</b>	<b>UM</b>	<b>Tolerance</b>	<b>Normative</b>
<b>Mass per unit area</b>	<b>334</b>	g/m <sup>2</sup>	± 5,0%	ISO 3374
<b>Weave</b>	<i>Plain</i>			ISO 2113
<b>Width</b>	from 20 to 230	mm	± 2,5%	ISO 22198
<b>Thickness</b>	0,31	mm	± 5,0%	ISO 5084(**)
<b>Other informations</b>	<i>Loomstate</i>			

<b>Nominal Construction</b>	<b>WARP</b>		<b>WEFT</b>	
<b>Fiber Description</b>	HS Carbon Fiber HTS 40 F13 - 12K		Textile E Glass EC9 - 68tex	
<b>Fiber Producer</b>	TOHO TENAX			
<b>Thread Count</b>	<b>3,8</b> ends/cm	ISO 4602 ± 2%	<b>2,2 x 2</b> ends/cm	ISO 4602 ± 2%
<b>Weight Distribution</b>	<b>304</b> g/m <sup>2</sup>	91%	<b>30</b> g/m <sup>2</sup>	9%
<b>Selvadges</b>	Weaving style	LENO	Type of Fiber	HM polyester 22 tex

<b>Mechanical Properties of Fiber</b>	<b>Strength (nominal)</b>	<b>Modulus (nominal)</b>
HTS 40 F13 - 12K (TOHO TENAX)	4300 MPa	240 GPa
EC9 - 68tex	2000 MPa	73 GPa

(\*\*) 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.

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