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Datasheet





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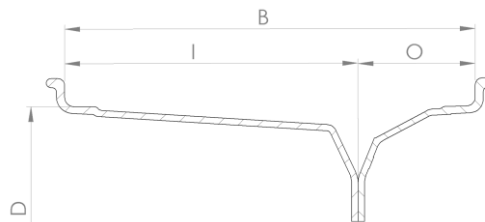
Formula Student Carbon Rim – 10"

The Blackwave carbon rim was designed specifically for formula student racing. The rim convinces with high load capacity, reliability and light weight. Geometry and bolt pattern were chosen such that conventional rims can be exchanged easily and without any modifications.



Technical Data

	Material	Carbon-SMC
	Weight	6,5" - 830g 7,0" - 855g 7,5" - 910g 8,0" - 935g
	Tensile Strength	300 MPa
	Young's-Modulus	45 GPa



D	B	O	I
10"	6,5"	1,5"	5"
10"	7,0"	2,0"	5"
10"	7,5"	1,5"	6"
10"	8,0"	2,0"	6"

Bolt Pattern:

Ø171,45mm (6¾") – 12x 6.5mm.
 Other dimensions on request.

The rims are ready to race and come with a very light aluminum valve.

The shells are structurally bonded in the desired configuration and supplied as an airtight unit.

The wheel center and bolts are not included.



Instructions for tire mounting:



The rims are designed for 10'' tires. The tires should be only fitted when rim is fully assembled. We strongly recommend that the mounting of the tires is performed by authorized and trained specialists with the appropriate machinery. Furthermore, we recommend to use plastic protectors in order to prevent damages of the rim flanges. After mounting the tires, the rims should be balanced.

If you have any further questions, we are glad to help you. Improper handling leading to damage results in loss of the right to claim refunds.

Maximum assembly pressure: 1.5bar (20psi).



Conditions of use:



Maximum temperature must not exceed 120°C (248°F).



Not for highway use.

The use of wheel diameters other than 10'' (254mm) happens at own risk. Otherwise there is a danger of damage during mounting.

Excessive loading, e.g. running over edges, may affect the structural integrity and cause subsequent damage. The rims should be checked using a suitable test method after every use.

Avoid prolonged direct exposure to sunlight, UV radiation may cause lasting damage.

Maximum operation pressure: 1bar (15psi).



This Data sheet replaces former version. Ensure to use the latest version.

By purchasing the rims, the buyer confirms he took note of the instructions above. There is no guarantee in case of misuse.