

# Carbon Fiber and the Motorcycle Helmet

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Carbon fiber motorcycle helmets are one of the most modern helmets around. The carbon fiber material used in motorcycle helmets refer to carbon filament threads woven into cloth or felt. It can also be a composite material made from carbon filaments that make up the protective shell of your helmet. This material can also be combined with another material such as Kevlar in the manufacture of stronger and lighter helmet models.

Carbon fibers in helmets are made by superheating an acrylic fiber that results to better strength and stiffness to weight properties. Carbon fiber composites can achieve the strength of metals at a significant savings in weight, the two factors needed in making quality motorcycle helmets.

Kevlar is created by dissolving a polymer in a solvent and then extracting the fibers and then spinned to form threads. Although Kevlar has properties that are similar to carbon fiber, it lacks compressive strength. By combining carbon fiber and Kevlar, one can get a laminate that has three times the flexural strength than that of Kevlar alone.

Carbon fiber motorcycle helmets provide a lighter yet more durable helmet than most motorcycle helmets today made from fiberglass. With carbon fiber motorcycle helmets, it is now possible to make more compact motorcycle helmets that are lighter and less bulky.

Most carbon fiber helmets are available for you from custom helmet manufacturers. But there are other manufacturers now beginning to make motorcycle helmets out of this extremely useful material. With it, motorcycle helmets become lighter, stronger and cooler.

There are now carbon fiber motorcycle helmets such as the THH T-69 that offers you a DOT approved motorcycle helmet. Its smaller shell design helps in making it ever the popular choice with most riders today. There is also the HJC AC-12 full face carbon fiber helmet that incorporates racer tested features for use by the ordinary motorcycle rider on the road.

It has features such as the Flow Through ACS Advanced Channeling Ventilation Feature System that provides extraordinary ventilation to make you feel cooler. It also makes use of an Anti-fog System to provide you with a clear view even in the coldest of days. This motorcycle helmet also has a built-in communication system speaker cavity to allow two-way or multi-channel communication when required.

With today's technology, motorcycle helmets have evolved to provide you with better protection and a more comfortable riding experience. With all the choices now available for you, you would surely have that helmet that would work for you. This content is provided by Low Jeremy and may be used only in its entirety with all links included. For more info on Motorcycle Helmet, please visit <http://motorcycle-helmet.articlekeep.com>