

H.E. Supplies Pty Ltd
Hobby Supplies
Engineering Supplies

ABN 54 125 001 541



Carbon Fibre

3239 Old Cleveland Road Capalaba West Queensland 4157
Phone: 07 3245 7977 Fax 07 3245 1017

CARBON FIBRE

Carbon Fibre is used in many applications as a very strong light weight construction material. There are many types of carbon fibre. The type we stock is called **Pultruded Carbon Fibre**.



Carbon Fibre starts off as a soft pliable sheet of woven fibres – more about that soon. Pultruded carbon fibre is this same sheet pulled through an epoxy resin and heat dried to form solid rod or tubes of various shapes including round, square, rectangular or H Section.

Sizes where the weave is visible through the coating may or may not be Pultruded, but they are nevertheless a hard epoxy coated finish. These types show the weave for decorative purposes.

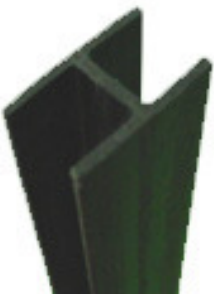
MACHINING

Pultruded carbon fibre is very easy to work with. It can be cut with a band saw, coping saw, scroll saw, endmill or dremmel tool. Thin pieces can be cut with a sharp knife. It can be drilled easily.

JOINING

Mechanical joining with screws is one way to join carbon fibre, but due to the delicate nature of the epoxy coating over the internal woven core, great care must be taken not to over tighten screws so that the material isn't crushed.

Chemical joining is best achieved with a slow drying epoxy resin. We stock a range of Epoxies. Just search for "Epoxy" in the category search at the top of any of our web pages.



INFORMATION SHEET
www.hobbyparts.com.au