



Carbon Sails

In 2001, after extensive cloth testing, we began building select Carbon Fiber Laminate sails. So far the feedback has been nothing short of awesome. Lighter, smoother and so far very durable. Of course, only time will tell if they are as durable as standard **Haarstick Quilt-Cut Triradials**, but our tests show that they should be even more durable. In fact, the new Low Modulus Carbon Fiber is about as strong as Kevlar initially, but our [Impact Flutter Testing](#) shows that it actually holds more of its initial strength after flutter than a comparable Kevlar fabric. Keep in mind this is not the High Modulus Carbon Fiber used in the last America's Cup. That fiber and those sails were incredibly brittle lasting 50 tacks or so. This Low Modulus Carbon is not a strong, but held up to our flutter test. Look for more Haarstick Carbon Quilt-Cut Triradials out on the race course this coming season. The price has come down so much that they are very affordable, just slightly more expensive than our Kevlar sails.

Here are a few shots of our **2001 Carbon Sails**:

Click Any Image to Enlarge it.



