



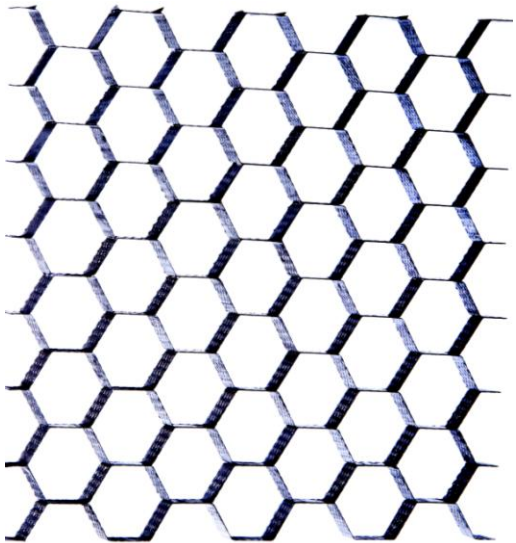
**CARBON FIBER HONEYCOMB CORE  
UCF-306-1/4-6.0**

Ultracor UCF-306-1/4-6.0 is used in structural applications where high mechanical performance is paramount and low density remains a primary concern.

The standard sheet size for Ultracor is approximately 36” L (ribbon) x 24” W by specified T. Thickness tolerance is maintained at ± 0.006”. Tighter thickness tolerances are available per customer’s request.

Custom sheet sizes are available. Ultracor can splice material into virtually any dimension. We can provide core sheets curved into various radii.

**ULTRACOR PRODUCT DESIGNATIONS**



Ultracor products are designated by use of a series of letters and numbers, as follows:

**UCF-306-1/4-6.0**, in which:

“**U**” represents Ultracor honeycomb core

“**CF**” indicates the material used is Carbon Fiber

“**306**” determines the product code number under which the details of construction are documented

“**1/4**” indicates a 1/4” cell size

“**6.0**” indicates a nominal density in pounds per cubic foot (lbs/ft<sup>3</sup>)

**ULTRACOR MECHANICAL PROPERTIES**

Ultracor Product Code	Construction Materials	Compressive ASTM C365		Shear ASTM C273			
		Stabilized		L Direction		W Direction	
		Strength (psi)	Modulus (ksi)	Strength (psi)	Modulus (ksi)	Strength (psi)	Modulus (ksi)
UCF-306-1/4-6.0	Cyanate Ester	996	70	696	136.0	478	79