

Specialty Short Fiber



HydraFiber
Engineered Media



ABOUT SPECIALTY SHORT FIBER

HydraFiber® Specialty Short Fiber is a specifically engineered substrate component that makes it ideal for propagation, filling smaller cells more easily. It has physical properties similar to peat moss, making it suitable to reduce peat moss in mixes.

The product features fine strand, short fibers that can be easily blended with peat or coir and filled into smaller propagation trays and pots smaller than 4 in./10 cm.

The fibers provide superior water holding capacity versus other substrates, and high air space for vegetative liner production and seed germination. The result is stronger rooting that allows for easier transplanting and a better growing experience!



QUICK FACTS

- HydraFiber has been trialed extensively at production facilities across a wide variety of crops.
- Specialty Short Fiber is ideal to add to propagation mixes as an alternative to other substrates such as perlite. Can also be used for finished crops where higher water holding is needed, while reducing peat moss usage.
- Product is 100% engineered fiber, made from renewable sources and highly compressed at a 13:1 ratio for efficient shipping and storage. Specialized HydraFiber Processing Equipment is required for effective use and maximum yield.

CHEMICAL CHARACTERISTICS		PHYSICAL CHARACTERISTICS*	
pH	4.4 +/- 0.4	TOTAL POROSITY	90 - 95%
EC (mS/cm)	0.01 - 0.20	CONTAINER CAPACITY (WHC)**	70 - 75%
MOISTURE CONTENT^	22% +/- 4%	AIR PORE SPACE (AS)	15 - 20%
ORGANIC MATTER^^	97.5% +/- 0.2%	LOOSE BULK DENSITY***	1.9 - 2.1

^Measured on weight basis
^^ Loss on Ignition (ASTM D586-19)
* Derived from Porometer Test Method-NCSU Substrates Lab
** WHC = Water-Holding Capacity
*** HydraFiber Processing Unit

