

Grow Better Margins and Better Plants

With shortages or complete unavailability of offshore raw materials, more growers are switching to engineered-fiber HydraFiber[®] to enjoy relief from rising material, labor and shipping costs while growing superior crops without interruption.

ENGINEERED FOR CONSISTENCY & AVAILABILITY

HydraFiber is factory-manufactured year-round in Profile[®] Products' processing plant in Conover, North Carolina.

- > Ultra and EZ Blend materials are always in great supply



- > Blends easily with other mix components
- > Sizes to meet every growing need, with bales and NEW labor-efficient and space-saving, 95-cu. ft. towers (details on the next page)

DELIVERS PROVEN PERFORMANCE

Growers are using HydraFiber as an amendment or alternative to coir, perlite, peat and other growing mix substrates with great success across a broad range of crops.

- > Better air space than other popular materials improves root zone development
- > 10% to up to 36.6% more available water to every plant due to the higher surface area of our fibers

IMPROVES PROFITABILITY BY LOWERING COSTS

All HydraFiber towers and bales are shipped very efficiently as compressed material.

- > Reduced freight, fewer trucks to unload and more efficient storage per cubic yard of material than peat, bark, perlite, coir or vermiculite
- > Locked-in contract pricing available
- > Arrives unfrozen and ready to use – no shortage worries



Contact us today at 800-496-0955 or hydrafiber@profileproducts.com to calculate your savings and start your HydraFiber trials.



HYDRAFIBER COMES FROM PROFILE PRODUCTS, PROUDLY OFFERING RESEARCHED AND PROVEN SOIL / MEDIA SOLUTIONS FOR OVER 50 YEARS.



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HF-02 / 20036A 11/20

THE ULTIMATE GROWING MEDIA SUBSTRATE

HydraFiber products offer solutions for every grower, large or small.



	ULTRA BALES	ULTRA TOWERS	EZ BLEND BALES	EZ BLEND TOWERS
EXPANSION RATE	13:1	6:1	4.4:1	4:1
SPECIALIZED HYDRAFIBER EQUIPMENT NEEDED	Yes	No	No	
RAW MATERIAL REPLACED	Directly replaces perlite, pumice, rice hulls, Styrofoam. Reduces grower consumption of peat, coir, bark.			
FORMULATIONS AVAILABLE	Five formulations: 065WB, 090WB, 160WB, 365WB, 510WB	Two formulations: T160, T365	One formulation	
MAXIMUM INCLUSION RATE	50%			
ESTIMATED BULK DENSITY	1.8 lbs./ft. ³ (29 kg/m ³)	2 lbs./ft. ³ (32 kg/m ³)	4 lbs./ft. ³ (64 kg/m ³)	
UNIT WEIGHT	50 lbs. (23 kg)	1,200 lbs. (544 kg)	40 lbs. (18 kg)	1,600 lbs. (726 kg)
1 SEMITRAILER HYDRAFIBER EQUIVALENTS	3.25 coir semis 5 peat semis 7.25 perlite semis	2 coir semis ^a 3 peat semis ^a 4.5 perlite semis ^a	1.5 coir semis 2 peat semis 3 perlite semis	
BALE / TOWER YIELD (COMPRESSED)	2.7 ft. ³ (76.5 L)	95 ft. ³ (2.7 m ³)	2.3 ft. ³ (65.1 L)	95 ft. ³ (2.7 m ³)
BALE / TOWER YIELD (LOOSE)	27.8 ft. ³ (787 L) +/- 10% ^b	600 ft. ³ (17 m ³) +/- 4% ^{a,c}	10 ft. ³ (283 L) +/- 4%	400 ft. ³ (11.3 m ³) +/- 4% ^{a,c}
PACKAGE DIMENSIONS	26 x 18 x 10 in. (66 x 46 x 25 cm)	39 x 46 x 93 in. (99 x 117 x 236 cm) ^d	22 x 18 x 10 in. (56 x 46 x 25 cm)	39 x 46 x 93 in. (99 x 117 x 236 cm) ^d
SHIPPED	40 bales per pallet	1 tower per pallet	40 bales per pallet	1 tower per pallet
PALLET YIELD	1,111 ft. ³ (32 m ³) +/- 10% ^b	600 ft. ³ (17 m ³) +/- 4% ^{a,c}	400 ft. ³ (11.3 m ³) +/- 4%	
PALLETS PER TRUCKLOAD (VAN)	22	26	26	
VOLUME PER TRUCKLOAD (VAN, LOOSE)	24,444 ft. ³ (692 m ³)	15,600 ft. ³ (442 m ³)	10,400 ft. ³ (295 m ³)	
PALLETS PER CONTAINER (INTL.)	20		Not available	
VOLUME PER CONTAINER (INTL.)	22,222 ft. ³ (629 m ³)	12,000 ft. ³ (340 m ³)	Not available	
PALLET WEIGHT	2,000 lbs. (907 kg)	1,200 lbs. (544 kg)	1,600 lbs. (726 kg)	
VOLUME PER TON (LOOSE)	1,111 ft. ³ (32 m ³)	1,000 ft. ³ (28 m ³)	500 ft. ³ (14 m ³)	

^a Numbers based on bale shaver processing; expected yield will be lower with less automated processing (i.e., bucket blending).
^b Ultra yield will vary when processed through HydraFiber processing units based on raw material(s) being combined.

^c Tower bulk density can vary 2 to 2.2 lbs./ft.³ for Ultra and 3.85 to 4.15 ft.³ for EZ Blend.
^d Dimensions vary by tower.