



Technical Data Sheet – HydraFiber EZ Blend

GENERAL

HydraFiber EZ Blend is a thermally refined advanced substrate technology; Profile uses heat, steam, and pressure to refine southern yellow pine chips and bark. The result is a fiber with very high total porosity and can be used as a substitute for common horticultural aggregates (i.e. bark or perlite) as well as be used as a peat or coir extender without the need for specialized processing equipment.

TECHNICAL DATA

pH	4.0 – 4.8	SME
EC (mS/cm)	<0.20	SME
Moisture Content % (w/w)	22 – 30	Weight-basis
Organic Matter %	97.5 +/- 0.2	Loss on Ignition (ASTM D586-19)
Bulk Density (loose)	4 lbs/ft ³	ASTM D2978
Bulk Density (loose)	65 kg/m ³	EN12580
Total Porosity %	92 – 97	NCSU Porometer Method
Container Capacity (WHC) %	65 – 69	
Air Pore Space %	25 – 29	
Bales		
Weight (Pallet)	1600 lbs	727 kg
Weight (Bale)	40 lbs	18.2 kg
Dimensions (Pallet)	45 x 45 x 101	114 x 114 x 257 cm
Dimensions (Bale)	17 x 23 x 10 in	43 x 58 x 25 cm
Yield target (Pallet)	400 ft ³	11.3 m ³
Yield target (Bale)	10 ft ³	283 L
Expansion Ratio	4.4:1	
Towers		
Weight	1600 lbs	727 kg
Dimensions (Pallet)	39 x 46 x 93 in	99 x 117 x 236 cm
Yield target (Pallet)	400 ft ³	11.3 m ³
Expansion Ratio	4:1	

MANUFACTURER

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