



Technical Data Sheet – HydraFiber Ultra Specialty Short Fiber (SSF)

GENERAL

HydraFiber Ultra specialty Short Fiber (SSF) 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 suitable for young plant production. SSF can also be used as a peat or coir extender due to peat and coir-like physical properties.

TECHNICAL DATA

pH	4.1 – 4.9	SME
EC (mS/cm)	<0.20	SME
Moisture Content % (w/w)	18 – 26	Weight-basis
Organic Matter %	97.5 +/- 0.2	Loss on Ignition (ASTM D586-19)
Bulk Density (loose, HPU)	1.6 lbs/ft ³	ASTM D2978
Bulk Density (loose, HPU)	25.9 kg/m ³	EN12580
Ultra Specialty Short Fiber		
Total Porosity %	90 – 95	NCSU Porometer Method
Container Capacity (WHC) %	70 – 75	
Air Pore Space %	15 – 20	
Bales		
Weight (Pallet)	2000 lbs	909 kg
Weight (Bale)	50 lbs	22.7 kg
Dimensions (Pallet)	45 x 45 x 101	114 x 114 x 257 cm
Dimensions (Bale)	18 x 26 x 10 in	46 x 66 x 25 cm
Yield target (Pallet)	1236 ft ³	35 m ³
Yield target (Bale)	30.9 ft ³	875 L
Expansion Ratio	13:1	

MANUFACTURER

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