



Technical Data Sheet – Profile Coir Buffered

GENERAL

Profile Coir Buffered is 100% coconut coir pith; can be used as a standalone growing media, or easily blended with other ingredients. Profile Coir Buffered can be expanded with water in a bunker or processed through most coir expansion machines. It has been treated with calcium nitrate to reduce sodium and potassium content for use in cultivation of salt-sensitive crops. This product is not able to be used in organic crop production.

TECHNICAL DATA

pH	5.5 – 6.5	1:1.5
EC (mS/cm)	<0.5	1:1.5
Barium Chloride Test	<1mmol/L Na; <2 mmol/L K+	
Moisture Content (w/w)	<20%	Weight-basis
Total Porosity	87 - 97%	NCSU Porometer Method
Container Capacity (WHC)	60 - 70%	
Air Pore Space	15 - 25%	
Mix	Coco Pith	100%
	Sand/Fiber	<3%
Mix Particle Size	Coco Pith	<6mm
	Coco Fiber	<6mm
Weight*	2204 lbs	1000 kg
Dimensions (Pallet)	43 x 45 x 80"	109 x 114 x 203 cm
Yield target (Pallet)	350-460 ft ³	10-13 m ³
Yield (1kg method)	0.16 – 0.21 ft ³ /lb	10 - 13 L/kg
Expansion Ratio	5:1	

*Pallet weight can vary depending on destination weight restrictions

MANUFACTURER

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