

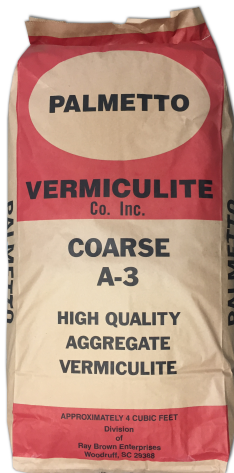


PALMETTO VERMICULITE

Palmetto Vermiculite A - 3

Palmetto Vermiculite Grade A – 3 is a premium, coarse particle size material meeting ASTM C516 Type 1, Grade 2 specifications.

The material is widely used as a component of growing media for professional growers. Palmetto's A-3 was chosen as the vermiculite of choice for Mel Bartholemew's **Square Foot Gardening** movement. In addition, the particle size and absence of fines makes the material ideal for packaging hazardous chemicals for air transport in accordance with IATA Regulations.



Product Information

Vermiculite is the geological name given to a group of hydrated, aluminum-iron-magnesium silicates, resembling mica in appearance. When exposed to intense heat, the material expands or exfoliates.

Exfoliated vermiculite has several unique properties which have industrial applications and account for its commercial value. These properties include, low thermal conductivity, high water holding capacity, incombustibility, and insolubility in both water and organic solvents.

Physical Properties

Typical Sieve Analysis

Sieve	Specification	Weight	% Ret
4	0 - 5	3	4
6	10 - 40	25	33.7
8	30 - 65	37	50
10	5 - 20	5	6.7
16	2 - 10	4	5.6
50	0 - 5	-	-
Pan	0 - 2	-	-

Unit Weight: 5.0 – 6.0 lb/cf

pH in Water: 6 – 9

Moisture loss @ 230°F: 4 – 10%

Sintering Temp.: 2100 - 2280°

Packaging: 18-22lb Kraft Paper Bags

Capacity: Approximately 4 cu ft

Pallet Quantity: 30 bags per pallet

Contact Information

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