



Available PlugSheet Counts

50

104

162

276



oasis®

PLUGSHEET

AeroMax™

Engineered for Maximum Air Porosity in Precision Hydroponics

OASIS® AeroMax™ PlugSheet engineered growing media was the first in a new generation of foam substrates designed for precision hydroponic farming in controlled growing environments. Engineered with a unique open matrix, OASIS® AeroMax™ PlugSheet's increased porosity optimizes airflow and drainage, allowing rapid refreshment of root zone nutrient solutions. This sheet substrate's ultra-low density enables easy root penetration for unrestricted seedling growth. OASIS® AeroMax™ PlugSheets are available in pre-dibbled 50ct, 104ct, 162ct and 276ct single- and multi-seed sheets, as well as un-dibbled plain sheets for broadcasting microgreens.



Applications

Ideal for hydroponic propagation and production of all leafy greens and microgreens (except spinach) in mild to moderate growing climates/conditions with lower water demand. (OASIS® AeroSelect™ is recommended for better spinach germination rates.)

Features & Benefits

- + Unique open matrix technology maximizes air-filled pore space, optimizing drainage and root zone oxygen while discouraging surface algae.
- + Inert substrate arrives clean and free of pests and pathogens, including plant and food-borne pathogens. Reduces disease pressure and maximizes flexibility and precision control over nutrient dosing.
- + Reliable and consistent, structurally stable media delivers uncompromised air-to-water ratio throughout propagation and production, sheet after sheet and batch after batch.
- + Ultra-low density promotes uniform germination with easy, rapid root penetration and unrestricted seedling growth.
- + Cellular matrix offers precision growers maximum root zone nutrient refreshment, replacing oxygen-deprived nutrient solution with each watering cycle.
- + Suitable for both overhead and sub-irrigation during propagation, as well as NFT (Nutrient Film Technique) and DWC (Deep Water Culture) systems. Not recommended for Dry-Hydroponics.

Suits crops/conditions with lower water demand

Maximum porosity for high airflow, drainage and nutrient refreshment

Ultra-low density for unrestricted seedling development

Drier substrate surface circumvents algae growth

Clean, food safe, free of pests and pathogens

Technical Specifications

Product Description: OASIS® AeroMax™ PlugSheet is an engineered precision hydroponic growing media, free of any organic materials and produced from a resin commonly used in many household items. OASIS® AeroMax™ PlugSheet is designed for precision crop production in climates, conditions and systems with lower water demand.

Note: OASIS® AeroMax™ PlugSheet growing media arrives clean and dry, without a starter charge. The media should be fertilized with initial watering. Physical properties were established using NCSU Porometer.

Properties	OASIS® AeroMax® PlugSheet
pH	5.0 – 5.8
EC (mS/cm)	0.2 – 0.4
Total Porosity (%)	95 – 99
Air Porosity (%)	10 – 15
Water Holding Capacity (%)	80 – 85
Bulk Density (kg/m ³)	12 – 16
Initial Water Content (%)	0



Storage and Handling

Store out of direct sunlight in a cool, dry location. Stored properly, this product's shelf life is 2 years from the manufacture date.



Food Safety

This product is food safe when used in conjunction with an effective, appropriate food safety program.



Disposal

This media has extremely low bulk density and is mechanically degradable into smaller particles. Please check with your local waste disposal facility for end-of-life options.

Product Options

Item Code	Product Description	Dibble Type	Dibble Top Diameter	Dibble Spacing (L x W)	Plug/Sheet Dimensions (L x W x H)
87-70501	50CT OASIS® AeroMax™ PlugSheet	Singleseed	1 cm (3/8")	5.08 cm x 5.08 cm (2" x 2")	4.6 cm x 4.45 cm x 3.81 cm (1 13/16" x 1 3/4" x 1 1/2")
87-70502	50CT OASIS® AeroMax™ PlugSheet	Multiseed			
87-71041	104CT OASIS® AeroMax™ PlugSheet	Singleseed	1 cm (3/8")	3.97 cm x 3.14 cm (1 13/16" x 1 15/64")	3.3 cm x 2.54 cm x 3.81 cm (1 15/16" x 1" x 1 1/2")
87-71042	104CT OASIS® AeroMax™ PlugSheet	Multiseed			
87-71621	162CT OASIS® AeroMax™ PlugSheet	Singleseed	1 cm (3/8")	2.86 cm x 2.78 cm (1 1/8" x 1 3/32")	2.26 cm x 2.26 cm x 3.81 cm (7/64" x 7/64" x 1 1/2")
87-71622	162CT OASIS® AeroMax™ PlugSheet	Multiseed			
87-72761	276CT OASIS® AeroMax™ PlugSheet	Singleseed	0.79 cm (5/16")	2.2 cm x 2.06 cm (1 1/8" x 1 3/32")	2.2 cm x 2.06 cm x 3.81 cm (7/8" x 7/16" x 1 1/2")
87-72762	276CT OASIS® AeroMax™ PlugSheet	Multiseed			
87-70095	Plain OASIS® AeroMax™ PlugSheet	N/A	N/A	N/A	Thin sheet 1.27 cm (1/2") H

NOTE: The 50CT, 104CT, 162CT sheets are etched around the plugs at the top. The plug dimensions (L x W) indicated are the top of the plug. The bottom dimensions are 0.32 cm (1/4") larger for length and width. Units of sale are 20 sheets per case/24 cases per pallet. For Plain Sheet: Sheet dimensions are 50.96 cm x 24.61 cm x 1.27 cm (20 1/16" x 9 1/16" x 1/2"). Units of sale are 60 sheets per case/24 cases per pallet. If your operation would benefit from a configuration not shown here, please let us know.

