



## Technical Data: Hydroponic Substrate

Growstone manufactures products for the horticultural, agricultural, water filtration and building industries, and other markets making use of recycled glass that would otherwise be buried in landfills. Growstones are made in the USA from 98% recycled glass. Growstones possess superior water-holding capacity and excellent air-filled porosity, and are reusable without breaking down over time.

**PRODUCTION FACILITY:** Albuquerque, New Mexico USA

### PACKAGE SPECIFICATIONS:

#### RETAIL PACKAGING

Product Name	UPC Code	Growstone SKU #	Description	Particle size	Bag Volume	Bag gross weight (lbs.)	N Bags/pellet	Weight / pellet (lbs.)	Bag Size
Growstones	8 9485400201 9	950HY125	Hydroponic substrate	1/2" - 1"	1.25 ft <sup>3</sup>	14	50	700	16 x 4 x 33"
Hydroponic Substrate					35.4 liters			plus - empty pallet weights 40 lbs.	

#### BULK

Product Name	UPC Code	Growstone SKU #	Description	Particle size	Bag Volume	Bag gross weight (lbs.)	N Bags/pellet	Weight / pellet (lbs.)	Bag Size
Growstones (BULK)					35 ft <sup>3</sup>	11.3 lbs. a ft <sup>3</sup>			
Hydroponic Substrate	8 9485400208 8	950HY35F	Hydroponic substrate	1/2" - 1"	Super sack	395	1	395 lbs.	36 x 36 x 53"
						plus - super sack weights 2 lbs. empty		plus - empty pallet weights 40 lbs.	

### LABORATORY ANALYSIS

#### CHEMICAL CHARACTERISTICS:

pH: 8  
Electrical Conductivity: 0.19 mmho/cm = mS/cm = dS/m

#### PHYSICAL CHARACTERISTICS:

Total Porosity (v/v) 79 – 82%  
Water-Holding Capacity (v/v) 28 – 30%  
Air Space (v/v) 49 – 50%  
Bulk Density (g.cm-3) 0.13

**CONTACT:** Growstone LLC, 505-897-1665, [www.growstone.com](http://www.growstone.com)