



**FABRIC POT  
Brochure**

**B. J. GEO-TEXTILE LIMITED**

## WHAT ARE FABRIC POTS?

- bags that we can grow plants in
- also referred as grow bags
- made from thick breathable Synthetic Geotextile fabric (similar to a reusable grocery bag)
- used to grow various vegetables and even plants such as small to medium-sized trees
- ideal for any plants that have small root structures
- Nutrients, such as nitrogen, are added to last the growing season which means only watering is required from the grower
- perfect solution for limited space or poor soil conditions
- usually filled with a growing medium, which can range from soil to soilless materials like peat, composted green waste, bark or wood chips, or any mixture of these items

## WHY USE FABRIC POTS FOR GARDENING?

- Superior Drainage
- Healthier Plant Roots
- Temperature Control
- Storage
- Versatility

## BENEFITS OF GARDENING WITH FABRIC POTS:

- constructed from a breathable material which allows for the air pruning
- as the roots reach the sides of the fabric pot, they are exposed to oxygen which kills off the root at the end and allows for the plant to grow another root directly from the source resulting every root that grows the plant is strengthened and will grow more rapidly above the soil surface
- better at controlling the temperature and water content of the growing medium than traditional plastic pots
- In the cold, the fabric will keep the plant warmer, and in the hot sun the plant will be kept cooler, so it doesn't overheat
- designed mainly to minimize waste and support reuse.
- perfect option for little room for an in-ground garden
- allows to grow food without a spec of land
- great for indoor gardens as well
- can grow carrots and tomatoes year-round
- can be arranged any place that receives sunlight such as a porch or near a window
- also good if you have poor quality soil in your area
- well aerated and have superior drainage over traditional plastic pots.
- come in various heights and widths which make them versatile enough to accommodate almost any size plant.
- adaptable and are easily arranged and re-arranged as needed.
- improved root systems, better temperature and watering control
- used to create the illusion of a raised flower bed by placing a series of pots side by side in a rectangle shape.
- unlike traditional raised garden beds, fabric pots require no construction and can be shaped and re-shaped as needed.
- easy to make a last-minute change to the layout by shaping as we like.
- takes up less space when not in use and be stored inside by simply folding them up and putting them away until needed.
- lightweight and usually come with built-in handles making them easy to move to different locations.
- made from BPA free Recycled water bottle

## SOIL NEEDED FOR FABRIC POTS:

- good mix of 1/3 moss,
- 1/3 compost mixture,
- 1/3 vermiculite.
- this mix retains moisture and very important for gardening with fabric pots

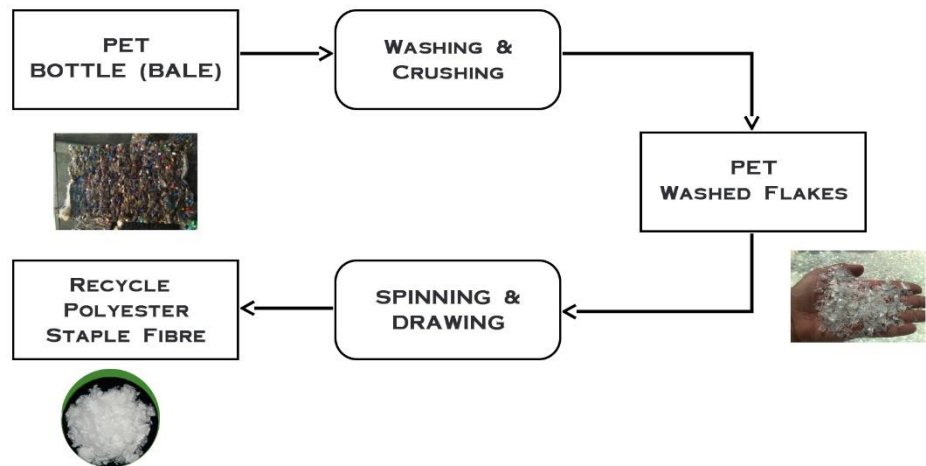
## WHAT SIZE FABRIC POT IS IDEAL FOR WHICH PLANTS TO GROW?

Fabric Pots come in different shapes and sizes according to the specific planting needs.

- **1, 2, 3-gallon size**- ideal for a single plant like pepper, lettuce, peas etc
- **5, 7-gallon size**- suitable to grow tomatoes, peppers, flowers, herbs, potatoes, small fruiting trees, stevia
- **10, 15, 20, 25, 30, 45, 65-gallon size**- can accommodate a whole garden in one container. Potatoes or tomatoes with basil all around them can be grown. Spinach and salad greens are other big favorites.
- **100 to 1000-gallon size**- a larger planting area similar to a raised bed. This gives tons of room to grow many plants all within a single fabric pot.

## PRODUCTION PROCESS OF FABRIC POTS WITH RECYCLED WATER BOTTLE TO MAKE IT ENVIRONMENT FRIENDLY:

- PET Bottle
- Manual Cleaning of Bottle
- Cutting of Bottle into Flex
- Washing of Flex
- Dewatering of Flex
- Drying of Flex
- Manual Sorting of Flex
- Feeding of Flex for Extruding
- Extruding
- Chemical Conditioning
- Fiber Crimping
- Heat Conditioning
- Fiber Cutting
- Fiber Baling
- Fiber Bale



## OUR TECHNOLOGY:

We believe the non-woven fabric is more breathable and durable than any other fabric. So we use **NEEDLE PUNCHING METHOD** which is a nonwoven process by which the fibers are mechanically entangled to produce a nonwoven fabric by repeated penetration of barbed needles through a preformed dry fibrous web. As a result, the fibers are mechanically interlocked, thereby providing the mechanical strength.

**B. J. GEO-TEXTILE LIMITED** offers top-notch quality Needle-punched nonwovens that are felt-like and very flexible, having a fibrous network with distinctive pores, which makes them suitable for applications in filtration and drainage. Our produced Needle-punched nonwovens are commonly used in geotextile sector for applications like offering cushioning and reinforcement against subgrade surface irregularities. We prefer Polyester & Polypropylene Fabric both as these are the modern textile used for upholstery, industrial, and manufacturing applications. They are soft, lightfast, and easy to clean.

## THINGS TO REMEMBER

- suitably up to three plants in a single fabric pot can be grown
- prepare the pots properly for planting and sow the right plants for the specific fabric pot.
- should only buy high-quality fabric pots from a reputable supplier such as **B. J. GEO-TEXTILE LIMITED** to guarantee the durability of the pots and the success of the garden.

## OUR PRODUCT SPECIFICATIONS

SIZE	DIMENSION (DIAMETER X HEIGHT)"	SOIL CAPACITY (LITER)
1 Gallon	7 x 6	3.78
2 Gallon	8 x 7	7.57
3 Gallon	10 x 8	11.35
5 Gallon	12 x 10	18.92
7 Gallon	14 x 10	26.49
10 Gallon	16 x 12	37.85
15 Gallon	18 x 14	56.78
20 Gallon	20 x 16	75.70
25 Gallon	21 x 16	94.63
30 Gallon	24 x 16	113.56
45 Gallon	27 x 18	170.34
65 Gallon	30 x 18	246.05
100 Gallon	36 x 23	378.54
200 Gallon	50 x 24	757.08
300 Gallon	60 x 24	
400 Gallon	70 x 24	
500 Gallon	78 x 24	
600 Gallon	86 x 24	
700 Gallon	93 x 24	
800 Gallon	99 x 24	
900 Gallon	105 x 24	
1000 Gallon	111 x 24	





## ABOUT US

### OUR UNSTOPPABLE, GLORIOUS & EXCELLENT 25 YEARS OF ACCOMPLISHMENT

Initiation of "BANGJIN BANGLADESH LTD." on Padding sector in association with a Korean Partner

1995

Launch of "BANGJIN PADDING & QUILTING LTD."

Further expanded the Padding sector with "B. J. BED COMPANY LTD."

1999

2001

Began 2.5 meter non-woven filter Geotextile area with "B. J. GEOTEXTILE LTD."

Commenced 4 meter non-woven needle-punched Geotextile sector with 4 new Korean Technology

2007

Launch of own Raw Material Source organization as "UNIVERSE SYNTHETIC FIBER LTD. & UNIVERSE SYNTHETIC LTD."

2013

Started Recycled Polyester Fiber line

Set in Motion new non-woven needle-punched Geotextile sector with 5 meter width ANDRITZ Machine

2016

2017

Activated new European Polypropylene Fiber line

Developed first time in Bangladesh Pre-Fabricated Vertical Drains (PVD) production line with 80,000 meter production capacity in full swing

2019

2020

2021

Planning to initiate in Woven Geotextile, Geo Grid & Geo Membrane area

# Contact Us



## HEAD OFFICE:

16, Kemal Ataturk Avenue,  
Tower Hamlet (4th Floor & 13th Floor)  
Banani, Dhaka-1213,  
Bangladesh.



+880 2 9854768, 9883216, 8837589



info@bangjin.com



<https://www.bjgeotextile.com/>



<https://www.linkedin.com/in/geotextile/>



<https://www.facebook.com/bangjinbangladesh/>



## NORTH AMERICA CONTACT PERSON:

Sheik Farhad

E-mail: sheik@bangjin.com

Phone: 347-686-4278

Address: 117-01 127th St, Suite # 814  
Queens, NY 11420, USA

## FEEL FREE TO CONTACT US

*Our skilled personnel have expert applications knowledge to help our customers to arrive at cost-effective and innovative solutions. Many different applications are supported - ranging from simple to the most sophisticated and complex.*