

Fibertex capillary mats for sub-irrigation

Your plants deserve the best growing conditions. With Fibertex capillary mats for sub-irrigation you are sure to make your nursery production more efficient and obtain long term benefits.



Fibertex A/S is a market leading manufacturer of nonwovens. Since our foundation in 1968, Fibertex continuously expanded and today manufactures nonwovens for customers all over the world for many different applications. Among these the horticulture sector.

For more than 25 years Fibertex has supplied nurseries throughout Europe with our well-proven non-woven capillary mats for sub-irrigation, and we are continuously developing the products in close co-operation with leading growers within the pot plant industry.

The Fibertex capillary mats are available in three different types – PPR433, F-80 Extra and Superflor 250 – each having their own characteristics.

Advantages of the Fibertex capillary mats:

- Uniform quality backed by an ISO 9001 certification
- Controlled raw materials secure fixed technical characteristics and uniform end products
- Well suited for computer-controlled watering systems
- Special fibre mix guarantees re-wetting avoiding dry spots for several years
- Optimum water absorption, distribution and storage – optimum watering of each single plant
- Optimum distribution of fertilizers
- Great strength – both in dry and wet condition
- Long durability – can be used many times
- Easy to clean with a high pressure cleaner or a stiff brush
- Great resistance to fungi and rot
- Easy to cut without any fraying at the edges and easy to join with welding or gluing



Good filter effect



Match any bench size up to 540 cm



PPR 433

is the most used type of capillary mat for sub-irrigation with hoses. PPR433 is made from PP, PET and viscose and can be used on sloping benches, sand bottom, concrete floors etc. With PPR433 excellent capillary action and exact control of the dry-wet cycle can be achieved. PPR433 is designed to provide an excellent balance between capillary action and water capacity. Best choice of professional growers using advanced irrigation systems.

F-80 Extra

made from PP and PAC is developed for ebb and flood benches where its main function is to act as an effective filter. By using F-80 Extra dirt is avoided in the nozzles and the watering system. Further the mat will absorb the remaining moisture after ended irrigation and distribute this to the plants. Best choice when excellent filter characteristics are required.

Superflor 250

is a traditional capillary mat combining good capillary action and plenty of water storage capacity for sub-irrigation with hoses. Superflor 250 is made from PP, PET and viscose. Best choice when producing new plants requiring constant or high humidity.

Please note before using capillary mats!

Hard water stiffens the mats, makes them more difficult to wet and locks up fertilizers. Using appropriate acid dosage techniques can cure or prevent this. Ask for guidance before using or cleaning the mat.

Technical data	Norm	PPR 433	Superflor 250	F-80 EXTRA
Weight	DIN 53 854 EN ISO 9864	150 g/m ²	250 g/m ²	80 g/m ²
Thickness	DIN 53 855 EN ISO 9863-1	1,0 mm	3,0 mm	0,6 mm
Water capacity	DIN 53 923	0,8 l/m ² *)	1,7 l/m ² *)	0,240 l/m ² *)
Capillary lift	DIN 53 924	8,0 cm *)	7,0 **)	7,0 ***)
Roll length	m	100	50	200
Max. width	cm	540	540	540
Raw material		PP + PET + Viscose	PP + PET + Viscose	PP + PAC

PP = Polypropylene PET = Polyester PAC = Polyacryl

Tolerances: * - 10 % ** - 15 % *** - 20 %

Please contact our local distributor before deciding on which Fibertex capillary mat to use.

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Manufacturer:

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