

ROLL'N GROW™ HEATING MATS

BioTherm Roll 'N Grow™ is the perfect way to apply Root Zone Heating (RZH) to growing beds or benches! Your growing surfaces can now be covered like a carpet with growth-enhancing gentle heat in a fraction of the time it used to take. The benefits of this type of heating are well documented: reduced fuel costs, increased production, more compact plants, and fewer disease problems.

Accessories



Roll' N Grow MCX



Roll' N Grow MTX



Roll' N Grow MCX

SPECIFICATIONS	MCX Tubing	MTX Tubing
Material	LLDPE	LLDPE
Outside Diameter	0.350	0.455
Inside Diameter	0.250	0.375
Max. Pressure (psi)	50	50
Max. Temp. (°F)	180	180
Heat Rating	~0.22	~0.4
Color	Black	Black
UV Resistant	Yes	Yes
Backing	Weight (g/m²)	
Black PP Mesh 16 x 16 mm spacing	70	
Black PP Weed Mat	115	
White PP Weed Mat	115	

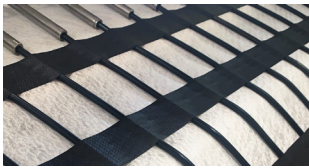


Roll' N Grow MTX

ROLL'N GROW™ HEATING MATS

BioTherm Roll 'N Grow™ is manufactured at the BioTherm facilities in Cotati CA. Give your plants the root zone heating they thrive on with less hassle and more versatility than ever. Produced with 2" or 3" tube spacing in 6'-0" or 12'-0" mat widths, it is in stock and ready to be cut to your required length. We offer the flexibility to choose from two backing materials, three tube sizes, and a wide range of tube spacing to accommodate your precise heating needs!

Our proprietary one-of-a-kind machine bonds various types of heating tubes to weed barrier (black or white) or to open mesh (for bench applications). The master rolls are up to 12' wide, but we can provide custom widths to match your floor or bench needs. Simply roll the mat out on the surface, connect the manifolds, along with the supply and return lines, to a hot water source and pump. A thermostat with a probe controls the system based on media temperature.



TUBE MATERIAL

LLDPE - Durable tubing that can be laid on the floor and withstand carts and equipment traffic.

TUBE SIZE

Choose the correct tube size for the length of your desired heated area.

TUBE SPACING

Choose closer spacing to deliver a more uniform heat for smaller units such as plug trays. Larger containers like pots can utilize wider tube spacing to reduce overall material costs. You can also call your BioTherm sales rep to help you customize tube spacing to meet your exact heat output requirements.

MAT SIZE

Choose the correct mat length and width to fit your growing surface area.

BACKING MATERIAL

Choose from 16 x 16 mm mesh or weed barrier mat (black or white).

BioTherm Roll 'N Grow™	Ground						Bench			Space		Crop			
	On-Ground	In-Ground	On-Floor	In-Floor	Bed	Snow Melt	Frost Protection	On-Bench	In-Bench	Under Bench	Gutter	Top	Perimeter	Rail	In-Crop
Greenhouse (Vegetable, Horticulture, Institutional, Medicinal)	●	●	●	●	●			●							
Habitat (Animal enclosures)	●	●	●	●	●			●							
Turf (T-box, Greens, Sports)															
Work Buildings (Shops, hangars, garages, man-caves)															



Roll' N Grow manifold