



# SNOW-MAT

## Snow Melting Heating Cable on Mat (SMMT)



### DESCRIPTION

Maximize safety and security in residential and commercial areas by reducing slips and falls caused by snow and ice. Eliminate the use of salt and chemicals used to remove snow and ice. Now there is no need to shovel or chip ice off driveways, ramps, walkways or stairs.

Snow-Mat snow and ice melting mats are constructed with sturdy, thin flexible heating elements that are bound to fiberglass mats. The durable adhesive mesh backing can be cut between the heating elements to create your desired layout shape.

### FEATURES

- No need to shovel snow or use chemicals to melt away ice.
- Easily installs under concrete, asphalt, paving stones and interlock.
- Construction site tough cables with a convenient durable mat backing.
- Mat backing can be cut between cables to create desired shape.
- Ideal for a variety of residential, commercial and industrial properties.
- Available in a variety of sizes to fit your project.
- Safe, silent, economical and efficient operation.



### RESIDENTIAL

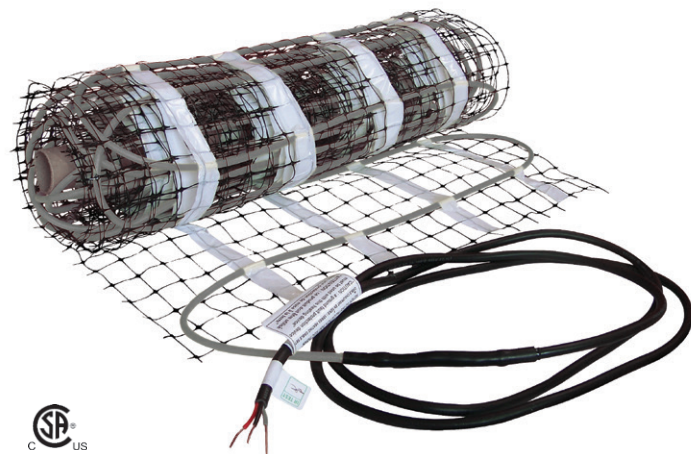
Choose from standard 240V for outdoor residential applications, such as driveway snow melting and de-icing.

### COMMERCIAL

Depending on requirements, choose from 240V, 208V or 600V for commercial applications, including entry and sidewalk snow melting.

### INDUSTRIAL

240V, 208V and 600V mat systems available for any industrial snow melting and de-icing application.



### SPECIFICATIONS

<b>Voltage</b>	Available in 240V, 208V and 600V.
<b>Heat load</b>	40W/sq. ft.
<b>Cold lead</b>	16 ft. (5 m).
<b>Max. asphalt temperature</b>	240 °C up to 10 min.

### CABLE CONSTRUCTION

Twin heating conductors with fluoropolymer insulation, metal sheath and high temperature material outer jacket. Equally spaced on mesh backing.

### INSTALLATION

Refer to the Snow-Mat manual for complete installation instructions. Electrical connection of the heating system and thermostat should be done only by a qualified electrician.

### WARRANTY

Warranted free from manufacturers defect for 20 years. Visit [www.britech.ca](http://www.britech.ca) for limited warranty details.

**OPERATING VOLTAGE | 240V**

PRODUCT #	WATTS	AMP.	RESISTANCE (OHMS)	LENGTH OF MAT (FT.)	WIDTH OF MAT (FT.)	COVERED SURFACE <sup>1</sup> (SQ. FT.)
SMMT-240-970	970	4.0	59.4	16	1.5	24
SMMT-240-1440	1440	6.0	40.0	24	1.5	36
SMMT-240-1950	1950	8.1	29.5	32	1.5	48
SMMT-240-2160	2160	9.0	26.7	36	1.5	54
SMMT-240-2890	2890	12.0	19.9	48	1.5	72
SMMT-240-3900	3900	16.3	14.8	65	1.5	97.5
SMMT-240-4330	4330	18.0	13.3	36	3.0	108
SMMT-240-4870	4870	20.3	11.8	41	3.0	123

**OPERATING VOLTAGE | 208V**

PRODUCT #	WATTS	AMP.	RESISTANCE (OHMS)	LENGTH OF MAT (FT.)	WIDTH OF MAT (FT.)	COVERED SURFACE <sup>1</sup> (SQ. FT.)
SMMT-208-960	960	4.6	45.1	16	1.5	24
SMMT-208-1440	1440	6.9	30	24	1.5	36
SMMT-208-1920	1920	9.2	22.5	32	1.5	49
SMMT-208-2160	2160	10.4	20	36	1.5	54
SMMT-208-2880	2880	13.8	15	48	1.5	72
SMMT-208-3900	3900	18.8	11.1	65	1.5	97.5
SMMT-208-4320	4320	20.8	10.0	36	3.0	108
SMMT-208-4920	4920	23.7	8.8	41	3.0	123

**OPERATING VOLTAGE | 600V**

PRODUCT #	WATTS	AMP.	RESISTANCE (OHMS)	LENGTH OF MAT (FT.)	WIDTH OF MAT (FT.)	COVERED SURFACE <sup>1</sup> (SQ. FT.)
SMMT-600-960	960	1.6	375	16	1.5	24
SMMT-600-1440	1440	2.4	250	24	1.5	36
SMMT-600-1920	1920	3.2	187.5	32	1.5	49
SMMT-600-2160	2160	3.6	166.7	36	1.5	54
SMMT-600-2880	2880	4.8	125	48	1.5	72
SMMT-600-3900	3900	6.5	92.3	65	1.5	97
SMMT-600-4320	4320	7.2	83.3	36	3.0	108
SMMT-600-4920	4920	8.2	73.2	41	3.0	123
SMMT-600-6000	6000	10	60	50	3.0	150

<sup>1</sup> Represents the area covered by the mat excluding fixed elements to be bypassed and any other required clearances.