

# CALL US BEFORE IT SNOWS.

ProMelt is manufactured in Springfield, Missouri. That's where we assemble the finest electric and hydronic snowmelting systems. We provide ProMelt cable, controls and design assistance for your project, regardless of size.

We support distributors across North America.

## Built to last:

ProMelt heating wires are built to last. They're made with low-oxygen copper alloy elements covered with high-temperature ETFE insulation and a super-tough polyurethane outer jacket for jobsite extremes.

ProMelt mats will save you time. ProMelt cables are priced lower than mats, and may work better for unusual layouts.

Either way, you get a single point electrical connection to speed installation.

SunTouch offers either pole-mounted or slab-mounted snow sensors, as well as controls and contactor boxes for higher electrical amp loads.

Call our staff for design advice or go to our website to download manuals and specifications.



## ProMelt™ Cables

Cable Length @ 3" OC @ 4" OC Coverage @ 3" OC @ 4" OC Voltage Amp Draw Total Output

### 120VAC ProMelt Cable

29	8	10	120V	3.3	400
59	15	20	120V	6.3	750
78	20	26	120V	8.3	1000
118	30	39	120V	12.5	1500
158	40	53	120V	16.7	2000
208	53	69	120V	22.1	2650

### 208VAC ProMelt Cable

55	14	19	208V	3.4	700
78	20	26	208V	4.8	1000
118	30	39	208V	7.2	1500
138	35	46	208V	8.4	1750
158	40	53	208V	9.6	2000
178	45	59	208V	10.8	2250
218	55	72	208V	13.2	2750
238	60	79	208V	14.4	3000
257	65	85	208V	15.6	3250
297	75	98	208V	18.0	3750
317	80	105	208V	19.2	4000
357	90	118	208V	21.6	4500

### 240VAC ProMelt Cable

59	15	20	240V	3.1	750
98	25	33	240V	5.2	1250
118	30	39	240V	6.3	1500
158	40	53	240V	8.3	2000
178	45	59	240V	9.4	2250
218	55	72	240V	11.5	2750
238	60	79	240V	12.5	3000
257	65	85	240V	13.5	3250
297	75	98	240V	15.6	3750
317	80	105	240V	16.7	4000
357	90	118	240V	18.8	4500
417	105	137	240V	21.9	5250

### 277VAC ProMelt Cable

71	18	24	277V	3.2	900
118	30	39	277V	5.4	1500
138	35	46	277V	6.3	1750
178	45	59	277V	8.1	2250
218	55	72	277V	9.9	2750
238	60	79	277V	10.8	3000
277	70	92	277V	12.6	3500
297	75	98	277V	13.5	3750
317	80	105	277V	14.4	4000
357	90	118	277V	16.2	4500
417	105	137	277V	19.0	5250
456	115	150	277V	20.8	5750

Cable Length @ 3" OC in feet Square Ft Coverage @ 3" OC @ 4" OC per sq ft Voltage Amp Draw Total Output (watts)

## ProMelt™ Mats

Dimensions W(ft) x L(ft) Coverage (sq. ft.) Voltage Amp Draw Total Output

### 2' Wide ProMelt Mats - 38 Watts/sq. ft.

2' x 5'	10	120V	3.2	380
2' x 10'	20	120V	6.3	760
2' x 15'	30	120V	9.5	1140
2' x 20'	40	120V	12.7	1520
2' x 25'	50	120V	15.8	1900
2' x 30'	60	120V	19	2280

### 2' Wide ProMelt Mats - 50 Watts/sq. ft.

2' x 7'	14	208V	3.4	700
2' x 11'	22	208V	5.3	1100
2' x 14'	28	208V	6.7	1400
2' x 18'	36	208V	8.7	1800
2' x 20'	40	208V	9.6	2000
2' x 24'	48	208V	11.5	2400
2' x 28'	56	208V	13.5	2800
2' x 34'	68	208V	16.3	3400
2' x 38'	76	208V	18.3	3800
2' x 42'	84	208V	20.2	4200
2' x 48'	96	208V	23.1	4800

### 2' Wide ProMelt Mats - 50 Watts/sq. ft.

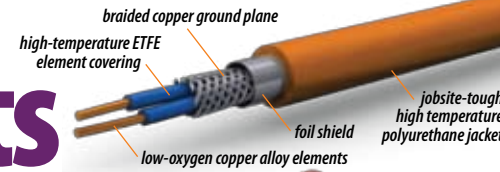
2' x 8'	16	240V	3.3	800
2' x 12'	24	240V	5.0	1200
2' x 16'	32	240V	6.7	1600
2' x 20'	40	240V	8.3	2000
2' x 24'	48	240V	10.0	2400
2' x 28'	56	240V	11.7	2800
2' x 32'	64	240V	13.3	3200
2' x 36'	72	240V	15.0	3600
2' x 40'	80	240V	16.7	4000
2' x 44'	88	240V	18.3	4400
2' x 48'	96	240V	20.0	4800
2' x 52'	104	240V	21.7	5200

### 2' Wide ProMelt Mats - 50 Watts/sq. ft.

2' x 9'	18	277V	3.2	900
2' x 14'	28	277V	5.1	1400
2' x 18'	36	277V	6.5	1800
2' x 24'	48	277V	8.7	2400
2' x 28'	56	277V	10.1	2800
2' x 32'	64	277V	11.6	3200
2' x 36'	72	277V	13.0	3600
2' x 40'	80	277V	14.4	4000
2' x 44'	88	277V	15.9	4400
2' x 48'	96	277V	17.3	4800
2' x 52'	104	277V	18.8	5200
2' x 56'	112	277V	20.2	5600

Dimensions W(ft) x L(ft) Coverage (sq. ft.) Voltage Amp Draw Total Output (watts)

### HEATING ELEMENT SECTION:



Dimensions W(ft) x L(ft) Coverage (sq. ft.) Voltage Amp Draw Total Output

### 3' Wide ProMelt Mats - 50 Watts/sq. ft.

3' x 5'	15	208V	3.6	750
3' x 10'	30	208V	7.2	1500
3' x 15'	45	208V	10.8	2250
3' x 20'	60	208V	14.4	3000
3' x 25'	75	208V	18.0	3750
3' x 30'	90	208V	21.6	4500

### 3' Wide ProMelt Mats - 50 Watts/sq. ft.

3' x 5'	15	240V	3.1	750
3' x 10'	30	240V	6.3	1500
3' x 15'	45	240V	9.4	2250
3' x 20'	60	240V	12.5	3000
3' x 25'	75	240V	15.6	3750
3' x 30'	90	240V	18.8	4500

### 3' Wide ProMelt Mats - 50 Watts/sq. ft.

3' x 10'	30	277V	5.4	1500
3' x 15'	45	277V	8.1	2250
3' x 20'	60	277V	10.8	3000
3' x 25'	75	277V	13.5	3750
3' x 30'	90	277V	16.2	4500
3' x 35'	105	277V	19.0	5250

Dimensions W(ft) x L(ft) Coverage (sq. ft.) Voltage Amp Draw Total Output (watts)

## Controls/Sensors

### Pole-Mount Sensors

A variety of automatic sensing options. Mounts on conduit or outside wall to sense area snow conditions.



### Slab-Mount Sensor

Mounts in pavement to directly sense snow.



### Contactor Control

Offers control of large loads when connected to our low-voltage pole or slab-mounted sensors.



### Driveway Plaque

Permanently marks a concrete slab where a ProMelt system has been installed.



4500 E. Progress Place  
Springfield, MO 65803-8816

[www.wattsradiant.com/promelt](http://www.wattsradiant.com/promelt)

888-432-8932 (toll-free USA/Canada)

417-522-6128 (phone)

417-831-4067 (Fax)



# WATTS SunTouch ProMelt™

## Electric Snow and Ice Melting Mats and Cables

- walkways
- entryways
- stairs and steps
- stair landings
- ADA ramps
- driveways
- breezeways
- garages
- ramps
- patios
- porches
- courtyards
- helipads
- car washes
- loading docks
- garage door driplines
- milking parlors
- feed lots
- storefronts
- hot tub decks
- shipping docks
- ice rink access
- circular stairs
- bikeways
- outdoor drains
- boat docks
- cantilevered decks
- snowmelt "hotpads"
- outdoor kennels
- airport aprons
- crosswalks
- emergency exits

# ELECTRIC SNOWMELTING MEANS SAFE ACCESS.

# PROMELT™ MEANS PERFORMANCE.



*Snowmelt sidewalks between buildings to reduce liability and keep your schedules on time. Electric snowmelting can be zoned and operated with automatic controls.*

## Minimize accidents

- Reduce slips and falls on ramps, steps and entrances.
- Reduce "tracked-in" ice, snow and water.
- Reduce auto accidents on ramps, entrances and parking lots.

## Prevent damage

- Save concrete, floor coverings, landscaping and auto paint from the effects of salt.
- Protect concrete, stone and brick from snow plowing.
- Avoid damage to landscaping from snow plowing.
- Prevent damage to overhead doors from ice related "freeze-ups".

## Save time and money

- Save time lost shoveling walks and drives.
- Save time lost clearing loading docks.
- Save money not spreading salt.



*ProMelt is well-suited in commercial and residential applications where first cost is important and space for a large mechanical room is limited.*

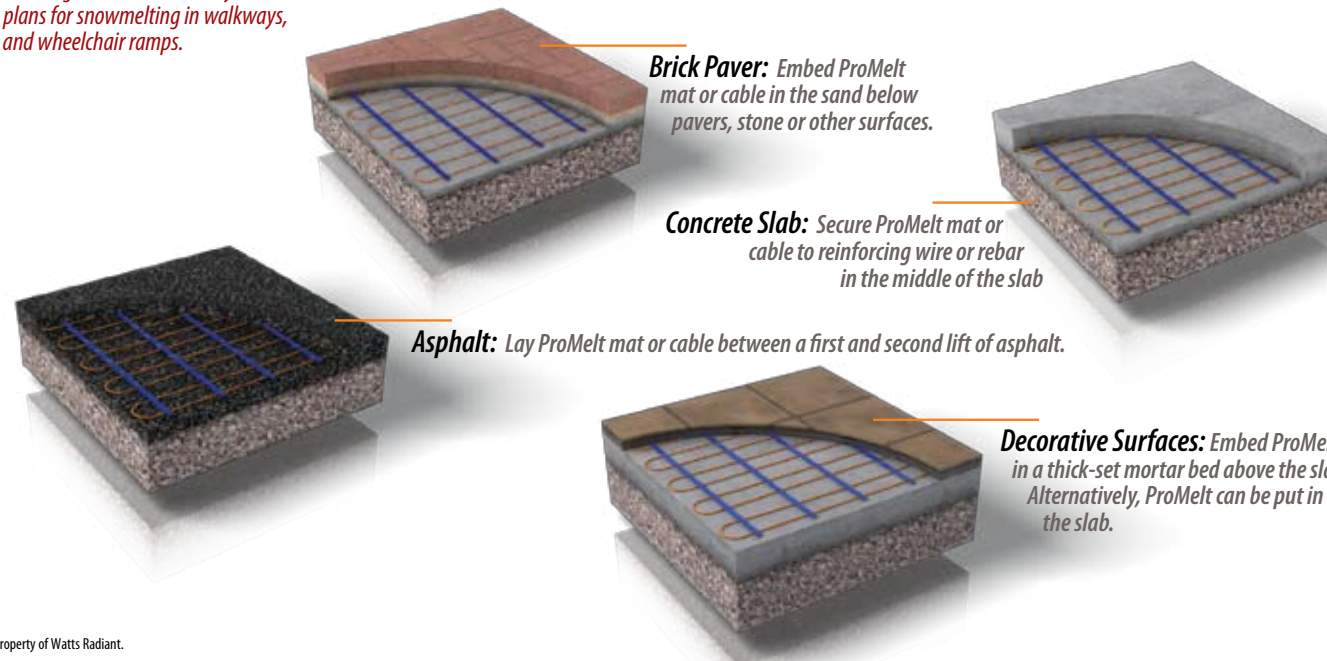
- Free design assistance
- Easy to install.
- Single-point connection.
- Mats are available in 2' and 3' widths. (custom sizes are available)
- No maintenance.
- Automatic operation.
- Many control options.

*In this driveway a snow detector will be mounted in the slab. Shown here being placed between reinforcing wire and ProMelt cable.*

*ProMelt mats make quick work of a small north-facing entry porch.*



*Public buildings need safe and easy access. Make plans for snowmelting in walkways, stairs and wheelchair ramps.*



*3' wide ProMelt mats install quickly in this full coverage example.*



*ProMelt mats secured to reinforcing wire in a "tire track" design.*

