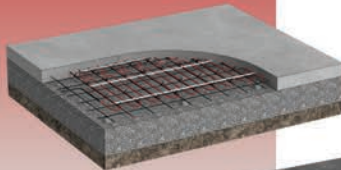


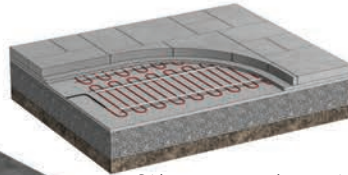
OWS-T

Heating Cable Mat for Snow Melting

New



Concrete



Brick, concrete or natural stone paving



Asphalt

Features

Voltage

- 240/208V, 347V, 1-phase.

Construction

- Series heating cable set, twin conductor type.
- Heating cable held as a mat at regular 3" (76 mm) spacing with flexible strips.
- Fluoropolymer (ECTFE) resistance wire insulation 0.014" (0.35 mm) thick.
- Braided copper shielding 17 AWG, serves as ground.
- Polyolefin (EPR) outer sheath insulation 0.08" (2 mm) thick.

Watt density

- 50W/sq. ft. (538W/sq. m) at 240V and 347V, 37.5 W/sq. ft. (404W/sq. m) at 208V, 3" (76 mm) spacing.

Dimension

- 24" (610 mm) and 36" (914 mm) wide mats offered in several lengths.

Cold lead

- 16' 4" (5 m) long.
- 12 AWG or 14 AWG (according to maximum allowable load).
- PVC outer sheath insulation 0.03" (0.76 mm) thick.
- 3/8" (9.5 mm) outer diameter.

Control

- See controller and sensor options at pages 30 and 31.

Note: This product must be installed with a ground fault circuit interrupter (GFCI).

Included materials

- Electrical fault indicator (OTM-CC).
- Measurements table label (to be placed in electrical panel).

Installation

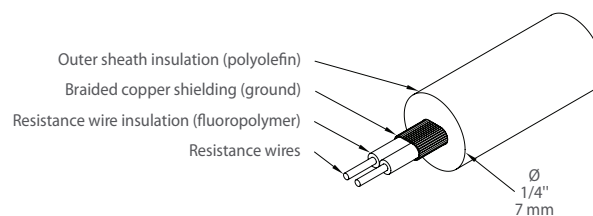
- **Never cut or shorten the heating cable.**
- For outdoor applications only.
- The heating cable must be completely embedded in concrete, asphalt or stone dust under paving.
- Minimum installation temperature -15 °C (5 °F).
- Maximum long-term exposure temperature 105 °C (221 °F).
- Maximum exposure temperature for 10 minutes 220 °C (428 °F).

Warranty

- 10-year warranty on heating cable.

Application

- Residential driveway, sidewalk, access ramp, underground parking ramp.



OWS-T

OWS-T 24 in. (610 mm) Wide Mat Models

Watts ¹	Product # 240/208V	Product # 347V	Covered surface ²		Mat length (X)		Cable length ³		Weight	
			sq. ft.	sq. m	ft.	m	ft.	m	lb	kg
500	OWS-T0500-24	-	11	1	5	1.5	43	13.1	3.0	1.4
1000	OWS-T1000-24	-	22	2	10	3	86	26.2	5.0	2.3
1500	OWS-T1500-24	-	32.5	3	15	4.6	128	39	7.0	3.2
2000	OWS-T2000-24	-	43.5	4	20	6.1	171	52.1	10.0	4.5
2500	OWS-T2500-24	-	54	5	25	7.6	214	65.2	12.5	5.7
3000	OWS-T3000-24	-	65	6	30	9.1	257	78.4	15.0	6.8
4000	OWS-T4000-24	OWS-T4007-24	86.5	8.1	40	12.2	342	104.3	20.0	9.1
5000	OWS-T5000-24	OWS-T5007-24	108.5	10.1	50	15.2	428	130.5	25.0	11.4
6000	OWS-T6000-24	OWS-T6007-24	130	12.1	60	18.3	513	156.4	30.0	13.6

OWS-T 36 in. (914 mm) Wide Mat Models

Watts ¹	Product # 240/208V	Product # 347V	Covered surface ²		Mat length (X)		Cable length ³		Weight	
			sq. ft.	sq. m	ft.	m	ft.	m	lb	kg
450	OWS-T0450-36	-	9.5	0.9	3	0.9	38	11.6	2.5	1.1
750	OWS-T0750-36	-	16	1.5	5	1.5	63	19.2	3.5	1.6
1050	OWS-T1050-36	-	22	2	7	2.1	88	26.8	5.0	2.3
1500	OWS-T1500-36	-	31.5	2.9	10	3	126	38.4	8.0	3.6
3000	OWS-T3000-36	OWS-T3007-36	63.5	5.9	20	6.1	251	76.5	15.0	6.8
4500	OWS-T4500-36	OWS-T4507-36	95	8.8	30	9.1	377	114.9	22.5	10.2
6000	OWS-T6000-36	OWS-T6007-36	126.5	11.8	40	12.2	502	153	30.0	13.6

Installation Options

Product #	Description
OTM-CC	CableCheck – Electrical fault indicator
OW-G82-G	82 ft. galvanized steel strapping
OW-KIT	Heating cable repair kit
OW-TYW	Bag of 100 plastic tie-wraps

¹ 208V = 75% of wattage at 240V.

² Represents the area covered by the mat including 2" (51 mm) spacing between the mat strips but excluding fixed elements to be bypassed and any other required clearances.

³ Represents the total length of the heating cable if it is detached from the flexible strips.

Controller and Sensor Options

See features at page 30 and 31.

