

Warm Tiles™ Elite WTE Mat

Floor Warming Mats. For Residential and Commercial Applications.

Product Overview

- Warm Tiles™ Elite (WTE) mats are designed for indoor floor warming applications with minimal impact on floor height.
- Mats consist of heating cable interwoven into slim, durable fabric, and come in standard and custom, made-to-order sizes.

Applications

- WTE mats are designed to gently warm flooring materials such as:
 - Marble
 - Ceramic
 - Glass and porcelain tile
 - Slate
 - Granite
 - Poured or dimensional stone
 - Laminate and engineered hardwood products

Features

- Available in 120 and 240 Vac with standard 15 ft (4.57 m) cold leads.
- Thin 0.125 in (3.2 mm) mat means minimal impact on floor height.
- Same-day installation possible due to cost effective fabric mat design.
- High power output up to 15 W/ft², 14 W/ft² for select models, provides ample heat to quickly and efficiently warm up floors.
- Custom mats are available for various shaped areas. Contact your local sales representative for details.
- Cables can be installed in tiled showers or other wet areas, although it is recommended that you check with your local electrical inspector first to verify that this application is allowed in your jurisdiction.
- Fifteen year limited warranty.

Ordering Information

- We can assist you to determine the appropriate WTE mat for your application. Contact your local sales representative for details.

Accessories

- It is recommended that a floor temperature sensing thermostat be used to control the cable system. See *Warm Tiles™ Thermostats*.
- Relays can be used in conjunction with a thermostat to control large heated areas, where the power requirement exceeds 15 amps. See *Warm Tiles™ Floor Warming Accessories*.

Certifications

- UL Listed and CSA Certified.



Notes

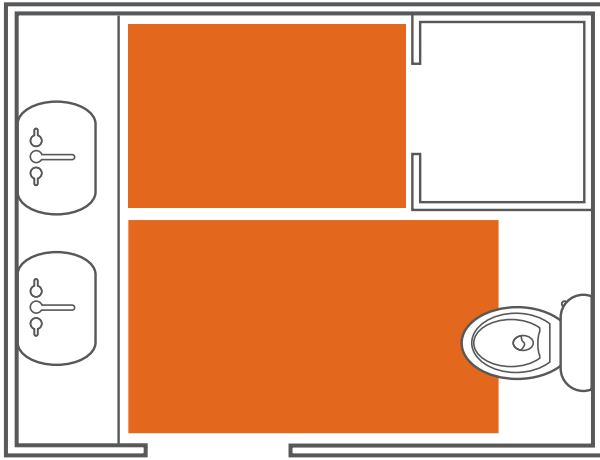
- Per NEC and CEC requirements ALWAYS use a ground fault protection device (GFCI) to reduce the danger of fire from a damaged or improperly installed heating cable. Electrical fault currents caused by damaged or improperly installed cable MAY NOT BE LARGE ENOUGH to trip a conventional circuit breaker.
- Heating cables must be installed in compliance with all national, state/provincial and local codes. Check with your local electrical inspector for specific details.
- The Warm Tiles™ heating cables must be completely embedded in a cement-based layer of mortar prior to installation of the flooring material. WTE will add approximately 0.211 in (5.36 mm) to the floor height.
- Do not install heating cable under carpet, vinyl composition or linoleum type floors, or any type of nailed-down wood flooring. Floor nailing can damage the cable resulting in exposed live electrical parts and/or result in the cable overheating.
- Cables are not designed as a primary source of space heating for any room in which it is installed.
- Do not alter the length of the heating cable (inside the heating mat) to suit a floor area larger or smaller than the recommended range for that mat: the cable will overheat or not warm properly. Physical injury or fire may result if altered. Only the cold lead may be cut to suit the location of the electrical connection box.
- When using multiple WTE mats, ensure the outside wire of adjacent mats are within 1-1/2 in (38 mm) to 3 in (76 mm) of one another to ensure the cable spacing and heat distribution are consistent across the floor.
- Spacing closer than 1-1/2 in (38 mm), can cause the cable to overheat. Do not space mats greater than 3 in (76 mm) apart, as the floor will not warm to a comfortable temperature.

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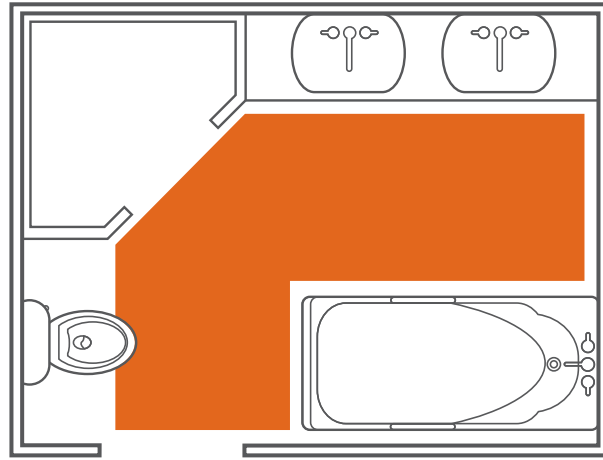
Walkable Area

Warm Tiles™ Elite (WTE) mats allow you to install full floor warming coverage with the least impact on floor level. Various floor areas may be warmed with a single mat or by using a combination of mats.



Standard Configuration

Flexible and easy to install. Available in popular sizes for rectangular areas.



Custom Configuration

Available for coverage in rooms with irregular shapes and obstacles.

FLOOR WARMING

Standard Product Selection for 120 Vac

Catalog Number	Length in (m)	Width in (m)	Heated Area ft ² (m ²)	Carton Quantity	Carton Weight lb (kg)	UPC
WTE0400271	40 (1.02)	27 (0.69)	7.5 (0.70)	1	2.9 (1.3)	01362716538
WTE0400321	40 (1.02)	32 (0.81)	8.9 (0.83)	1	3.0 (1.4)	01362716546
WTE0400401	40 (1.02)	40 (1.02)	11.1 (1.03)	1	3.1 (1.4)	01362716442
WTE0400481	40 (1.02)	48 (1.22)	13.3 (1.24)	1	3.2 (1.5)	01362716537
WTE0480241	48 (1.22)	24 (0.61)	8.0 (0.74)	1	2.9 (1.3)	01362716443
WTE0480301	48 (1.22)	30 (0.76)	10.0 (0.93)	1	3.0 (1.4)	01362716501
WTE0480361	48 (1.22)	36 (0.91)	12.0 (1.11)	1	3.2 (1.5)	01362716541
WTE0480481	48 (1.22)	48 (1.22)	16.0 (1.49)	1	3.4 (1.5)	01362716444
WTE0600241	60 (1.52)	24 (0.61)	10.0 (0.93)	1	4.0 (1.8)	01362716446
WTE0600301	60 (1.52)	30 (0.76)	12.5 (1.16)	1	4.2 (1.9)	01362716542
WTE0600361	60 (1.52)	36 (0.91)	15.0 (1.39)	1	4.4 (2.0)	01362716543
WTE0600421	60 (1.52)	42 (1.67)	17.5 (1.63)	1	4.5 (2.0)	01362716447
WTE0600481	60 (1.52)	48 (1.22)	20.0 (1.86)	1	4.7 (2.1)	01362716544
WTE0600601	60 (1.52)	60 (1.52)	25.0 (2.32)	1	5.0 (2.3)	01362716450
WTE0720241	72 (1.83)	24 (0.61)	12.0 (1.11)	1	4.2 (1.9)	01362716458
WTE0720301	72 (1.83)	30 (0.76)	15.0 (1.39)	1	4.4 (2.0)	01362716460
WTE0720361	72 (1.83)	36 (0.91)	18.0 (1.67)	1	4.6 (2.1)	01362716545

Warm Tiles™ Elite WTE Mat

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Standard Product Selection for 120 Vac

Catalog Number	Length in (m)	Width in (m)	Heated Area ft ² (m ²)	Carton Quantity	Carton Weight lb (kg)	UPC
WTE0720421	72 (1.83)	42 (1.67)	21.0 (1.95)	1	4.8 (2.2)	01362716463
WTE0720481	72 (1.83)	48 (1.22)	24.0 (2.23)	1	5.0 (2.3)	01362716539
WTE0720601	72 (1.83)	60 (1.52)	30.0 (2.79)	1	5.4 (2.4)	01362716464
WTE0840241	84 (2.13)	24 (0.61)	14.0 (1.30)	1	4.3 (2.0)	01362716468
WTE0840301	84 (2.13)	30 (0.76)	17.5 (1.63)	1	4.5 (2.0)	01362716469
WTE0840361	84 (2.13)	36 (0.91)	21.0 (1.95)	1	4.8 (2.2)	01362716470
WTE0840421	84 (2.13)	42 (1.67)	24.5 (2.28)	1	5.0 (2.3)	01362716472
WTE0840481	84 (2.13)	48 (1.22)	28.0 (2.60)	1	5.2 (2.4)	01362716473
WTE0840601	84 (2.13)	60 (1.52)	35.0 (3.25)	1	5.7 (2.6)	01362716475
WTE0960241	96 (2.44)	24 (0.61)	16.0 (1.49)	1	4.4 (2.0)	01362716476
WTE0960301	96 (2.44)	30 (0.76)	20.0 (1.86)	1	4.7 (2.1)	01362716440
WTE0960361	96 (2.44)	36 (0.91)	24.0 (2.23)	1	5.0 (2.3)	01362716480
WTE0960421	96 (2.44)	42 (1.67)	28.0 (2.60)	1	5.2 (2.4)	01362716479
WTE0960481	96 (2.44)	48 (1.22)	32.0 (2.97)	1	5.5 (2.5)	01362716478
WTE0960601	96 (2.44)	60 (1.52)	40.0 (3.72)	1	6.0 (2.7)	01362716477
WTE1080241	108 (2.74)	24 (0.61)	18.0 (1.67)	1	4.6 (2.1)	01362716474
WTE1080301	108 (2.74)	30 (0.76)	22.5 (2.09)	1	4.9 (2.2)	01362716471
WTE1080361	108 (2.74)	36 (0.91)	27.0 (2.51)	1	5.2 (2.4)	01362716467
WTE1080421	108 (2.74)	42 (1.67)	31.5 (2.93)	1	5.5 (2.5)	01362716466
WTE1080481	108 (2.74)	48 (1.22)	36.0 (3.34)	1	5.8 (2.6)	01362716465
WTE1080601	108 (2.74)	60 (1.52)	45.0 (4.18)	1	6.4 (2.9)	01362716461
WTE1180241	118 (3.00)	24 (0.61)	19.7 (1.83)	1	4.7 (2.1)	01362716451
WTE1180301	118 (3.00)	30 (0.76)	24.6 (2.29)	1	5.0 (2.3)	01362716449
WTE1180361	118 (3.00)	36 (0.91)	29.5 (2.74)	1	5.3 (2.4)	01362716448
WTE1180421	118 (3.00)	42 (1.67)	34.4 (3.20)	1	5.7 (2.6)	01362716445
WTE1180481	118 (3.00)	48 (1.22)	39.3 (3.65)	1	6.0 (2.7)	01362716481
WTE1180601	118 (3.00)	60 (1.52)	49.2 (4.57)	1	6.6 (3.0)	01362716441

Warm Tiles™ Elite WTE Mat

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Standard Product Selection for 240 Vac

Catalog Number	Length m (in)	Width m (in)	Heated Area m ² (ft ²)	Carton Quantity	Carton Weight kg (lb)	UPC
WTE0400272	40 (1.02)	27 (0.69)	7.5 (0.70)	1	2.9 (1.3)	01362716513
WTE0400322	40 (1.02)	32 (0.81)	8.9 (0.83)	1	3.0 (1.4)	01362716512
WTE0400402	40 (1.02)	40 (1.02)	11.1 (1.03)	1	3.1 (1.4)	01362716462
WTE0400482	40 (1.02)	48 (1.22)	13.3 (1.24)	1	3.2 (1.5)	01362716507
WTE0480242	48 (1.22)	24 (0.61)	8.0 (0.74)	1	2.9 (1.3)	01362716510
WTE0480302	48 (1.22)	30 (0.76)	10.0 (0.93)	1	3.0 (1.4)	01362716498
WTE0480362	48 (1.22)	36 (0.91)	12.0 (1.11)	1	3.2 (1.5)	01362716499
WTE0480482	48 (1.22)	48 (1.22)	16.0 (1.49)	1	3.4 (1.5)	01362716500
WTE0600242	60 (1.52)	24 (0.61)	10.0 (0.93)	1	4.0 (1.8)	01362716482
WTE0600302	60 (1.52)	30 (0.76)	12.5 (1.16)	1	4.2 (1.9)	01362716483
WTE0600362	60 (1.52)	36 (0.91)	15.0 (1.39)	1	4.4 (2.0)	01362716484
WTE0600422	60 (1.52)	42 (1.67)	17.5 (1.63)	1	4.5 (2.0)	01362716503
WTE0600482	60 (1.52)	48 (1.22)	20.0 (1.86)	1	4.7 (2.1)	01362716504
WTE0600602	60 (1.52)	60 (1.52)	25.0 (2.32)	1	5.0 (2.3)	01362716505
WTE0720242	72 (1.83)	24 (0.61)	12.0 (1.11)	1	4.2 (1.9)	01362716506
WTE0720302	72 (1.83)	30 (0.76)	15.0 (1.39)	1	4.4 (2.0)	01362716508
WTE0720362	72 (1.83)	36 (0.91)	18.0 (1.67)	1	4.6 (2.1)	01362716509
WTE0720422	72 (1.83)	42 (1.67)	21.0 (1.95)	1	4.8 (2.2)	01362716511
WTE0720482	72 (1.83)	48 (1.22)	24.0 (2.23)	1	5.0 (2.3)	01362716516
WTE0720602	72 (1.83)	60 (1.52)	30.0 (2.79)	1	5.4 (2.4)	01362716517
WTE0840242	84 (2.13)	24 (0.61)	14.0 (1.30)	1	4.3 (2.0)	01362716518
WTE0840302	84 (2.13)	30 (0.76)	17.5 (1.63)	1	4.5 (2.0)	01362716519
WTE0840362	84 (2.13)	36 (0.91)	21.0 (1.95)	1	4.8 (2.2)	01362716524
WTE0840422	84 (2.13)	42 (1.67)	24.5 (2.28)	1	5.0 (2.3)	01362716526
WTE0840482	84 (2.13)	48 (1.22)	28.0 (2.60)	1	5.2 (2.4)	01362716528
WTE0840602	84 (2.13)	60 (1.52)	35.0 (3.25)	1	5.7 (2.6)	01362716529
WTE0960242	96 (2.44)	24 (0.61)	16.0 (1.49)	1	4.4 (2.0)	01362716531
WTE0960302	96 (2.44)	30 (0.76)	20.0 (1.86)	1	4.7 (2.1)	01362716532
WTE0960362	96 (2.44)	36 (0.91)	24.0 (2.23)	1	5.0 (2.3)	01362716534
WTE0960422	96 (2.44)	42 (1.67)	28.0 (2.60)	1	5.2 (2.4)	01362716535
WTE0960482	96 (2.44)	48 (1.22)	32.0 (2.97)	1	5.5 (2.5)	01362716536
WTE0960602	96 (2.44)	60 (1.52)	40.0 (3.72)	1	6.0 (2.7)	01362716540
WTE1080242	108 (2.74)	24 (0.61)	18.0 (1.67)	1	4.6 (2.1)	01362716502
WTE1080302	108 (2.74)	30 (0.76)	22.5 (2.09)	1	4.9 (2.2)	01362716492
WTE1080362	108 (2.74)	36 (0.91)	27.0 (2.51)	1	5.2 (2.4)	01362716533
WTE1080422	108 (2.74)	42 (1.67)	31.5 (2.93)	1	5.5 (2.5)	01362716530
WTE1080482	108 (2.74)	48 (1.22)	36.0 (3.34)	1	5.8 (2.6)	01362716527
WTE1080602	108 (2.74)	60 (1.52)	45.0 (4.18)	1	6.4 (2.9)	01362716525
WTE1180242	118 (3.00)	24 (0.61)	19.7 (1.83)	1	4.7 (2.1)	01362716523
WTE1180302	118 (3.00)	30 (0.76)	24.6 (2.29)	1	5.0 (2.3)	01362716522
WTE1180362	118 (3.00)	36 (0.91)	29.5 (2.74)	1	5.3 (2.4)	01362716521
WTE1180422	118 (3.00)	42 (1.67)	34.4 (3.20)	1	5.7 (2.6)	01362716520
WTE1180482	118 (3.00)	48 (1.22)	39.3 (3.65)	1	6.0 (2.7)	01362716515
WTE1180602	118 (3.00)	60 (1.52)	49.2 (4.57)	1	3.0 (6.6)	01362716514

FLOOR WARMING

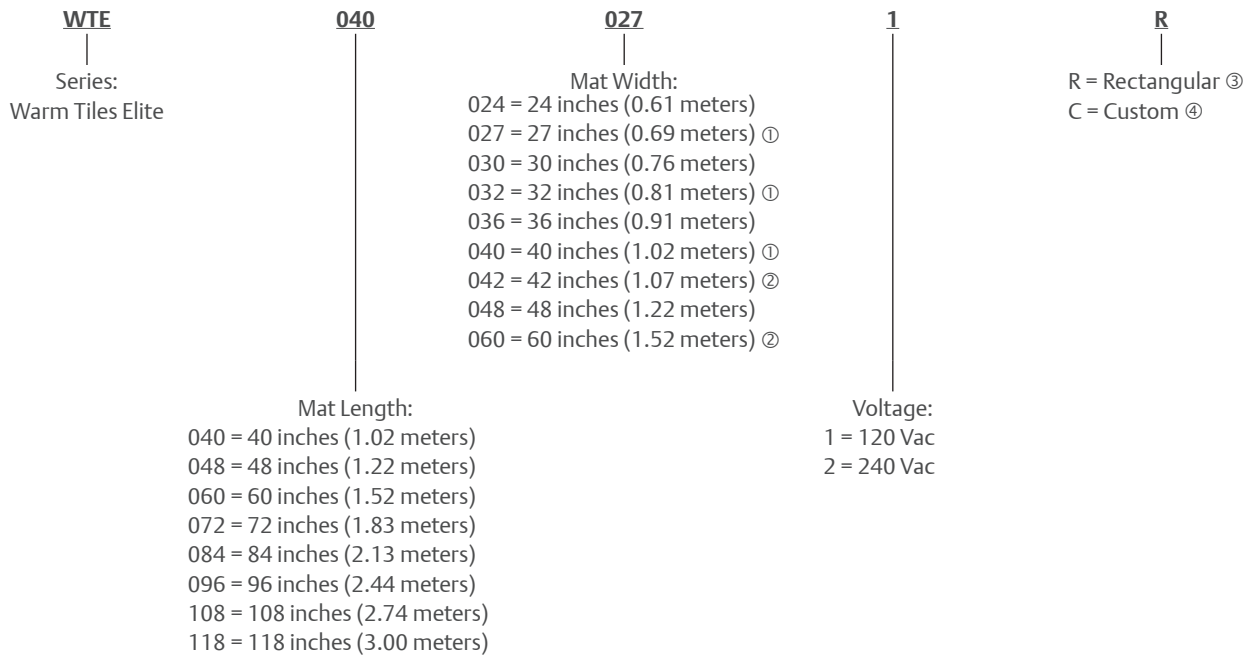
Warm Tiles™ Elite WTE Mat

Floor Warming Mats. For Residential and Commercial Applications.

Custom Floor Warming-Mats (WTE)

If the layout or installation conditions prevent the use of the standard Warm Tiles™ Elite product offering, our team will work with you to create custom WTE mats tailored to your unique specifications and layout. Submit the WTE Custom Order Form with all the required information, and the Warm Tiles™ Application Engineering team will design a custom mat just for you.

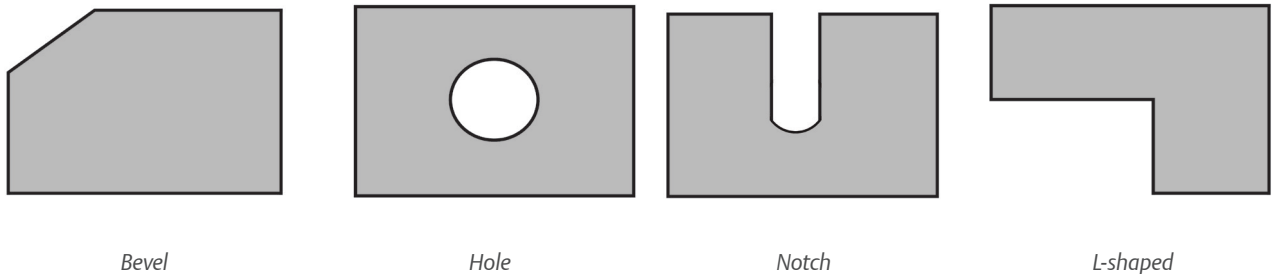
Catalog Number Guide



- ① Only available for mat length of 40 in (1.02 m).
- ② Not available for mat lengths of 40 in and 48 in (1.02 and 1.22 m).
- ③ Custom rectangular shape mat without any notches or cutouts will have a suffix "R" after its main part number. Example: WTE0630491R – 63 in x 49 in (1.60 m x 1.24 m), 120 Vac special size RECTANGULAR custom WTE mat.
- ④ Irregular shape custom mat that may contain any combination of notches, cutouts, bevels, etc. Example: WTE0630491C023 – 63 inches x 49 inches (1.60 m x 1.24 m), 120 Vac special size irregular shape CUSTOM mat with a unique design (three-digit code behind "C" suffix is assigned by application engineering team).

Custom Mat Shapes

WTE mats can be provided in custom sizes or shapes – some typical shapes may include:



Note: Contact a local sales representative for assistance.