

Nuheat

excellence is everything

Mesh

Electric floor
heating system

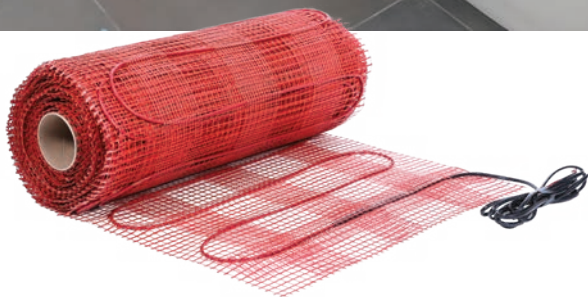


chemelex.com

chemelex



The Comfort You Deserve



Nuheat Mesh is an easy-to-install and modifiable electric floor heating system best suited for square or rectangular areas where onsite adjustments are required.

The Nuheat Mesh floor heating system consists of a heating cable attached to a self-adhesive mesh which allows installers to stick the heating system onto the subfloor during the layout process. Simply roll out onto the subfloor and cut/turn the roll until the desired floor area is covered.

The Nuheat Mesh floor heating system is suitable for bathrooms, showers, kitchens, entryways and other living areas.

SPECIFICATIONS

| | |
|----------------------------------|--|
| Operating voltage | 120 V |
| Power output | 12 W/ft2 |
| Minimum bending radius | 0.5 in |
| Minimum cable spacing | 3 in |
| Maximum ambient temperature | 194°F (90°C) |
| Minimum installation temperature | 50°F (10°C) |
| Heating cable | 2-wire, grounded, twisted pair with PVC outer jacket |
| Cold lead | 2-wire, 16-18 AWG plus ground braid; 10 ft length |

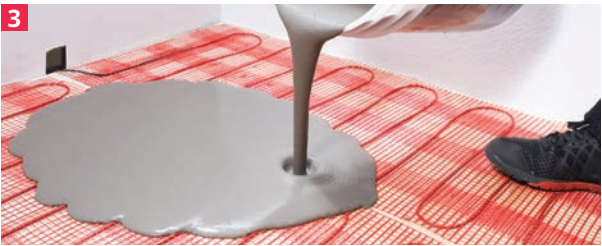
INSTALLATION



Roll out adhesive mesh



Cut and turn to fit room shape



Apply self-leveler and install tile

FAST FACTS

- Heats tile, stone, laminate, engineered wood, or luxury vinyl floors
- Zero EMF (electromagnetic field) cable design
- 13 kit sizes from 12 ft² to 120 ft²
- Available in 120 V
- Fiberglass, self-adhesive mesh
- Minimal effect on floor height
- Thin cold lead and connection joint
- Large variety of sizes and adaptable to any room size and shape

FAQS

Q: Can Nuheat Mesh replace my electric baseboard heaters?

A: Yes, Nuheat Mesh produces 12 W/ft² for a heat output of 41 BTU/ft².

Q: Can I use Nuheat Mesh to replace my hot water radiator?

A: Yes, Nuheat Mesh is a viable alternative to water radiators. Invisible and maintenance-free, Nuheat Mesh is a perfect heating option for renovations or additions.

Q: Will Nuheat Mesh heat the whole room or just the floor?

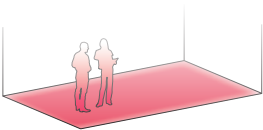
A: The whole room! Nuheat Mesh transforms the entire floor area into the room’s heat source, guaranteeing even, consistent heat.

HEAT COVERAGE COMPARISON

Nuheat Mesh

41

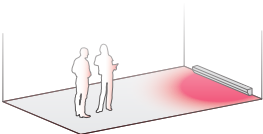
BTUs per ft²




Baseboard heater

34

BTUs per ft²



OPERATING COST EXAMPLE

| |  | <i>ft</i> ² | <i>\$</i> [*] |
|-------------|---|------------------------|------------------------|
| Bathroom | 5.5 hr. | 50 | \$0.16 |
| Kitchen | 7.5 hr. | 150 | \$0.65 |
| Living Room | 7.5 hr. | 200 | \$0.87 |

*Average winter operating cost. Based on US Energy Information Administration 2021 national average of \$0.1110 per kWh and modern insulation standards.



WARRANTY

Gain exclusive rights to offer 25-Year Total Care Warranty* for your floor heating installations. By signing up today you're on your way to distinguishing yourself through expert certification.

* Total Care Warranty is an upgrade of our product warranty and is offered exclusively at no additional cost for all installations completed by Nuheat Certified PRO installers. To learn more on how to become a Nuheat Certified PRO installer visit [nuheat.com](https://www.nuheat.com).

For more information, please
call: +1.800.778.WARM(9276)
or email: NUHEAT.CustomerCare@chemelex.com

| Catalog number | ft ² Coverage* | Dimensions | Watts | Amps | Resistance |
|-------------------|---------------------------|---------------|-------|------|------------|
| 120 V Nuheat Mesh | | | | | |
| N1M012 | 12 | 20 in x 8 ft | 139 | 1.2 | 103 |
| N1M015 | 15 | 20 in x 9 ft | 170 | 1.4 | 85 |
| N1M025 | 25 | 20 in x 15 ft | 300 | 2.5 | 48 |
| N1M030 | 30 | 20 in x 19 ft | 344 | 2.9 | 42 |
| N1M040 | 40 | 20 in x 23 ft | 442 | 3.7 | 33 |
| N1M050 | 50 | 20 in x 29 ft | 563 | 4.7 | 26 |
| N1M060 | 60 | 20 in x 36 ft | 720 | 6.0 | 20 |
| N1M070 | 70 | 20 in x 41 ft | 809 | 6.7 | 18 |
| N1M080 | 80 | 20 in x 49 ft | 947 | 7.9 | 15 |
| N1M085 | 85 | 20 in x 52 ft | 1022 | 8.5 | 14 |
| N1M095 | 95 | 20 in x 58 ft | 1161 | 9.7 | 12 |
| N1M110 | 110 | 20 in x 65 ft | 1299 | 10.8 | 11 |
| N1M120 | 120 | 20 in x 73 ft | 1461 | 12.2 | 10 |

* Square foot coverage based on square room with 2 in unheated border.

THERMOSTATS



Nuheat Conductor

- Wifi-enabled with iOS® and Android® apps
- Bluetooth-enabled for easy setup without wifi
- Vanishing, touch-sensitive display
- Fully programmable
- Basic functions on device, others in app
- Works with popular smart home systems including Apple Home, visit nuheat.com/connected-home for more info



Nuheat Signature

- Wifi-enabled with iOS® and Android® apps
- 3.5" color touchscreen
- Fully programmable
- All functions on device & in app
- Live, local weather report
- Works with popular smart home systems, visit nuheat.com/connected-home for more info



THERMOSTATS



Nuheat Home

- 3.5" color touchscreen
- Fully programmable



Nuheat Element

- Simple, easy to use controls
- Manual operation (non-programmable)



North America

Tel +1.800.778.9276

NUHEAT.CustomerCare@chemelex.com

chemelex
excellence is everything

chemelex.com

©2025 Chemelex. All Chemelex marks and logos are owned or licensed by Chemelex Europe GmbH or its affiliates. All other trademarks are the property of their respective owners. Chemelex reserves the right to change specifications without notice.

Nuheat-SB-H60104-FloorHeatingMesh-EN-2504