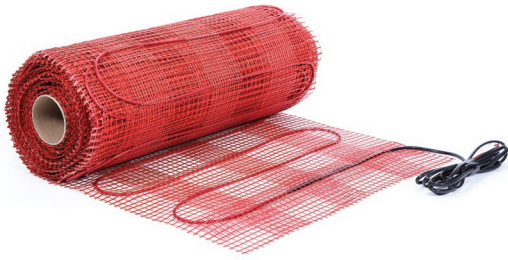


Mesh

THE SELF-ADHESIVE ELECTRIC FLOOR HEATING SOLUTION



FAST FACTS & ELECTRICAL DETAILS:

- Zero EMF cable design
- 32 kit sizes; largest 120 V covers 120 ft² and largest 240 V covers 240 ft²
- Thin, cold lead and connection joint

Material	Two single conductor Tefzel-coated resistance wires covered by a tin-plated copper braid and then coated with a durable copolymer (PVC) outer jacket. Heating cable is attached to a self-adhesive fiberglass mesh material.
Operating Voltage	120 V, and 240 V
Power Output	12 watts per square foot
Maximum Continuous Exposure Temperature	194°F (90°C)
Heating Cable	2-wire, grounded, twisted air with PVC outer jacket
Cold Lead	2-wire, 18 AWG plus ground braid layer; 10 ft (3 m) length

BENEFITS:

On-site flexibility. Mesh is adjusted on-site to provide heat coverage where it is desired. Installers only need to know the approximate square footage of the area(s) that need to be heated.

Easy to layout. Mesh comes in a self-adhesive roll which is pressed onto the subfloor and adjusted on-site to provide heat coverage where it is desired.

Comprehensive selection of sizes to choose from. Mesh is available in 32 sizes in both 120 & 240 V which allows installers to choose the perfect sized kit for the area they wish to heat.

Available immediately. Find a local distributor near you at <http://www.nuheat.com/where-to-buy>

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HOW TO INSTALL:

Step 1: Roll Mesh onto the subfloor with the wire side down. Start the Mesh installation from one corner of the room.

Step 2: Lay out and secure Mesh onto subfloor. To make a turn, cut the Mesh as required (be careful not to cut/damage the heating wire). Separate heating wire from Mesh to maintain heating coverage in small, angled, or difficult areas (if necessary).


Step 3: Embed Mesh in mortar (self-leveling compound or latex-modified thinset).

SELECT MESH KIT FOR YOUR PROJECT

CATALOG NUMBER	FT ² COVERAGE*	DIMENSIONS	WATTS	AMPS	RESISTANCE
120 V 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
240 V Mesh					
N2M015	15	20 in x 9 ft	165	0.7	349
N2M020	20	20 in x 13 ft	224	0.9	258
N2M025	25	20 in x 16 ft	302	1.3	191
N2M035	35	20 in x 21 ft	403	1.7	143
N2M045	45	20 in x 28 ft	523	2.2	110
N2M055	55	20 in x 32 ft	632	2.6	91
N2M065	65	20 in x 39 ft	742	3.1	78
N2M070	70	20 in x 43 ft	842	3.5	68
N2M085	85	20 in x 52 ft	1020	4.3	57
N2M090	90	20 in x 55 ft	1102	4.6	52
N2M100	100	20 in x 61 ft	1211	5.0	48
N2M120	120	20 in x 73 ft	1427	5.9	40
N2M135	135	20 in x 82 ft	1621	6.8	36
N2M145	145	20 in x 87 ft	1704	7.1	34
N2M160	160	20 in x 97 ft	1914	8.0	30
N2M170	170	20 in x 102 ft	2054	8.6	28
N2M190	190	20 in x 117 ft	2314	9.6	25
N2M215	215	20 in x 131 ft	2589	10.8	22
N2M240	240	20 in x 147 ft	2905	12.1	20

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

Accessories

	PART NUMBER	DESCRIPTION
Mat Sense Pro 	AC0100	The Mat Sense Pro is an electrical fault indicator that monitors hot, neutral and ground wires simultaneously during Mat or Cable installation. Mat Sense Pro produces an audible alarm if the heating wire is damaged during installation.
Thermostat Probe	AC0008 – 15 ft lead wire	The Thermostat Probe is installed under the flooring surface and connects to nVent NUHEAT thermostats. It is included with all nVent NUHEAT thermostats and provides a temperature reading of the floor.
Repair Kits – Mat & Cable	AC0014 – Mat Repair Kit: AC0016 – Lead Wire Repair Kit for Mats 120 V AC0017 – Lead Wire Repair Kit for Mats 240 V AC0040 – Cable Repair Kit	The Mat Repair Kit and Cable Repair Kit contain all the materials needed to fix Mats or Cable if they have been damaged during installation.
Mechanical Relay	AC0006 – Relay 120 V input & load relay 25 Amps AC0007 – Relay 240 V input & load relay 25 Amps	Relays are used to control multiple circuits with a single thermostat. They are typically used in large installations where the total amperage of the system exceeds the 15A limit of nVent NUHEAT thermostats.
Extra Cable Guides for Cable System – 12pc	AC0038	Extra cable guides for the nVent NUHEAT Cable floor heating system.
Waterproofing Seam Tape	AC0107 – 6 in x 16 ft AC0108 – 6 in x 98 ft	Waterproof seam tape for nVent NUHEAT Membrane installations where waterproofing is necessary.