

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 co-polymer (PVC) outer jacket
Operating Voltage	120 V and 240 V
Power Output	12 W/ft ²
Maximum Continuous Exposure Temperature	194°F (90°C)
Heating Cable	2-wire, grounded, twisted pair with PVC outer jacket
Cold Lead	2-wire, 18 AWG plus ground braid layer; PVC outer jacket, 10 ft (3 m) length

BENEFITS

On-site adjustment: easily adjust the layout on-site to provide heat where desired; ideal for rooms with rectangular heated areas

Easy to apply: the self-adhesive mesh roll sticks to the subfloor and mesh can be cut to provide heat where desired

Comprehensive selection of sizes: available in 32 sizes in 120 V and 240 V options, allowing full coverage of the heated area

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 material with scissors (not the heating wire) and align the mesh roll in the desired direction, ensuring the wire side faces down; 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)

120 VOLT MESH

Mesh is configured for 12 W/ft²

MODEL #	PART #	UPC	DESCRIPTION	DIMENSIONS	AMPS	WATTS	OHMS	UOM	INV. TYPE
N1M012	SZ18300139	715629008329	12 ft ²	20" x 8'	1.2	139	103.6	PC	FI
N1M015	SZ18300140	715629008336	15 ft ²	20" x 9'	1.4	170	84.7	PC	FI
N1M025	SZ18300141	715629008343	25 ft ²	20" x 15'	2.5	300	48.0	PC	FI
N1M030	SZ18300142	715629008350	30 ft ²	20" x 19'	2.9	344	41.9	PC	FI
N1M040	SZ18300143	715629008367	40 ft ²	20" x 23'	3.7	442	32.6	PC	FI
N1M050	SZ18300144	715629008374	50 ft ²	20" x 29'	4.7	563	25.6	PC	FI
N1M060	SZ18300145	715629008381	60 ft ²	20" x 36'	6.0	720	20.0	PC	FI
N1M070	SZ18300146	715629008398	70 ft ²	20" x 41'	6.7	809	17.8	PC	FI
N1M080	SZ18300147	715629008404	80 ft ²	20" x 49'	7.9	947	15.2	PC	FI
N1M085	SZ18300148	715629008411	85 ft ²	20" x 52'	8.5	1,022	14.1	PC	FI
N1M095	SZ18300149	715629008428	95 ft ²	20" x 58'	9.7	1,161	12.4	PC	FI
N1M110	SZ18300150	715629008435	110 ft ²	20" x 65'	10.8	1,299	11.1	PC	FI
N1M120	SZ18300151	715629008442	120 ft ²	20" x 73'	12.2	1,461	9.9	PC	FI

240 VOLT MESH

Mesh is configured for 12 W/ft²

MODEL #	PART #	UPC	DESCRIPTION	DIMENSIONS	AMPS	WATTS	OHMS	UOM	INV. TYPE
N2M015	SZ18300152	715629008459	15 ft.2	20" x 9'	0.7	165	349.1	PC	FI
N2M020	SZ18300153	715629008466	20 ft.2	20" x 13'	0.9	224	257.1	PC	FI
N2M025	SZ18300154	715629008473	25 ft.2	20" x 16'	1.3	302	190.7	PC	FI
N2M035	SZ18300155	715629008480	35 ft.2	20" x 21'	1.7	403	142.9	PC	FI
N2M045	SZ18300156	715629008497	45 ft.2	20" x 28'	2.2	523	110.1	PC	FI
N2M055	SZ18300157	715629008503	55 ft.2	20" x 32'	2.6	632	91.1	PC	FI
N2M065	SZ18300158	715629008510	65 ft.2	20" x 39'	3.1	742	77.6	PC	FI
N2M070	SZ18300159	715629008527	70 ft.2	20" x 43'	3.5	842	68.4	PC	FI
N2M085	SZ18300160	715629008534	85 ft.2	20" x 52'	4.3	1,020	56.5	PC	FI
N2M090	SZ18300161	715629008541	90 ft.2	20" x 55'	4.6	1,102	52.3	PC	FI
N2M100	SZ18300162	715629008558	100 ft.2	20" x 61'	5.0	1,211	47.6	PC	FI
N2M120	SZ18300163	715629008565	120 ft.2	20" x 73'	5.9	1,427	40.4	PC	FI
N2M135	SZ18300164	715629008572	135 ft.2	20" x 82'	6.8	1,621	35.5	PC	FI
N2M145	SZ18300165	715629008589	145 ft.2	20" x 87'	7.1	1,704	33.8	PC	FI
N2M160	SZ18300166	715629008596	160 ft.2	20" x 97'	8.0	1,914	30.1	PC	FI
N2M170	SZ18300167	715629008602	170 ft.2	20" x 102'	8.6	2,054	28.0	PC	FI
N2M190	SZ18300168	715629008619	190 ft.2	20" x 117'	9.6	2,314	24.9	PC	FI
N2M215	SZ18300169	715629008626	215 ft.2	20" x 131'	10.8	2,589	22.2	PC	FI
N2M240	SZ18300170	715629008633	240 ft.2	20" x 147'	12.1	2,905	19.8	PC	FI