

The Integrated Electric Floor Heating and Uncoupling Solution



NOW AVAILABLE IN PEEL & STICK FORMAT!

nVent NUHEAT Membrane is a tile underlayment that can be installed over the entire subfloor for uncoupling, crack isolation, and to make the installation of nVent NUHEAT Cable quicker and easier.

Additional benefits of nVent NUHEAT Membrane

- Reduces the risk of tile cracks ('High Performance' rating on ANSI A118.12 System Crack Resistance test)
- Replaces one layer of plywood or cement board in the subfloor assembly
- Accommodates nVent NUHEAT Cable, cold lead joint, end seal, and sensor probe without cutting or modification
- nVent NUHEAT Cable can be installed with varied spacing for 10, 12, or 15 W/ft² heat output
- Compatible with modified or unmodified thinsets
- Standard Membrane provides waterproofing when used with waterproofing seam tape
- Peel & Stick Membrane installs 40% faster, eliminates thinset oozing through seams
- 'Extra Heavy' rating in the Robinson Floor Test (ASTM C627): nVent NUHEAT Membrane
- 'Moderate' rating in the Robinson Floor Test (ASTM C627): nVent NUHEAT Peel & Stick Membrane



*Must be installed by nVent NUHEAT Certified PRO to receive Total Care Warranty.

MEMBRANE SELECTION TABLE

Model #	Part #	Description	Area (ft ²)	Dimensions
NUMEM250PS	FG0801	Peel & Stick Membrane Sheets (25 sheets per box)	10.6	3'3" x 3'3"
NUMEM161	AC0105	Large Membrane Roll	160.9	3'3" x 49'6"
NUMEM054	AC0106	Small Membrane Roll	53.6	3'3" x 16'6"
NUMEM250	FG0800	Membrane Sheets (25 sheets per box)	10.6	3'3" x 3'3"
PRBPE 1505	AC0107	Small Seam Tape Roll		6" x 16'
PRBPE 1530	AC0108	Large Seam Tape Roll		6" x 98'

ROBINSON FLOOR TEST (ASTM C627) RESULTS

Product	Report #	Substrate	Tile	Joist Spacing	Rating
nVent NUHEAT Membrane	TCNA-773-14	OSB/Plywood	12" x 12" Porcelain Tile	19.2" o.c.	Extra Heavy
nVent NUHEAT Membrane	TCNA-772-14	Concrete	12" x 12" Porcelain Tile	n/a	Extra Heavy
nVent NUHEAT Peel & Stick Membrane	TCNA-0411-20	OSB/Plywood	12" x 12" Porcelain Tile	19.2" o.c.	Moderate

NVENT NUHEAT CABLE

CABLE 120 VOLT KIT

Model #	Square Foot Coverage			Length (ft)	Total Watts
	3 pillars [†]	2/3/2 pillars [‡]	2 pillars [†]		
	10 W/ft ²	12 W/ft ²	15 W/ft ²		
N1C008	9	8	6	29	80
N1C012	14	12	10	47	138
N1C015	17	15	12	57	170
N1C025	30	25	21	98	299
N1C030	36	31	25	120	343
N1C040	45	38	31	148	442
N1C050	57	48	39	188	562
N1C060	71	60	49	234	719
N1C070	81	68	55	265	810
N1C080	97	82	66	318	947
N1C085	102	86	69	334	1021
N1C095	115	97	78	377	1161
N1C110	129	109	88	423	1299
N1C120	145	122	98	474	1461

CABLE 240 VOLT KIT

Model #	Square Foot Coverage			Length (ft)	Total Watts
	3 pillars [†]	2/3/2 pillars [‡]	2 pillars [†]		
	10 W/ft ²	12 W/ft ²	15 W/ft ²		
N2C015	17	14	12	56	165
N2C020	24	21	17	80	224
N2C025	31	26	21	102	302
N2C035	41	35	28	136	403
N2C045	54	46	37	178	523
N2C055	63	53	43	207	632
N2C065	76	64	52	250	742
N2C070	84	71	58	277	842
N2C085	102	86	69	334	1020
N2C090	109	92	74	358	1102
N2C100	120	101	82	393	1211
N2C120	145	121	98	472	1427
N2C135	162	136	110	529	1621
N2C145	172	144	116	561	1704
N2C160	193	162	131	630	1914
N2C170	204	171	138	665	2054
N2C190	233	195	157	757	2314
N2C215	261	219	176	849	2589
N2C240	293	246	198	953	2905

nVent NUHEAT Cable offers flexible spacing for varying Watt density, allowing installers flexibility on the job site. Square foot coverages above are estimates based on a square area with unheated border of 2" and actual coverage will vary depending on the number of turns in the cable path (more turns result in slightly less coverage).

NVENT NUHEAT CABLE GUIDE SPACING/OUTPUT

*3-inch spacing in Cable Guides produces 12 W/ft² (standard output)

**Alternating 3-inch / 2-inch spacing in Cable Guides produces 15 W/ft² (high output), which is best for installations on a concrete slab or when heat loss is a concern.

NVENT NUHEAT MEMBRANE SPACING/OUTPUT

†3 pillar spacing in nVent NUHEAT Membrane produces 10 W/ft² (low output), which is not typically recommended but possible for low-use areas when trying to stretch coverage.

‡Alternating 2-3-2 pillar spacing in nVent NUHEAT Membrane produces 12 W/ft² (standard output).

◆2 pillar spacing in nVent NUHEAT Membrane produces 15 W/ft² (high output), which is best for installations on a concrete slab or when heat loss is a concern.

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