



DTR Floor Heating Cable for use with optional Membrane

DESCRIPTION

Delta-Therm floor warming cable is available on reels and is designed for indoor residential and commercial applications on concrete slab or plywood sub floor. An optional self-adhesive membrane is available in sheets or rolls.

VOLTAGE

120V, 240/208V, 1-phase.

COLD LEAD LENGTH

10' (3m).

CONSTRUCTION

Heating cable made of a twin conductor for a simpler and faster installation, compatible with uncoupling membrane systems.

WATT DENSITY

9.6W/sq. ft. (103W/sq. m), 3 3/4" (95 mm) spacing

10W/sq. ft. (108W/sq. m), 3 5/8" (92 mm) spacing*

*When installed in the NADCM-S membrane with 3 spacing studs. Density will vary in different membranes according to cable spacing.

CONTROL (2 types; See instruction manual)

- Surface heating control with electronic thermostat in floor mode (F) and temperature sensor.
- Ambient heating control with electronic thermostat in ambient mode with floor limit (A or AF) and temperature sensor.

Note: A ground fault circuit interrupter (GFCI) must be used with this heating device unless exempted by the applicable national and/or local electrical code for the area of installation.

MATERIALS INCLUDED

- 15' (4.6 m) temperature sensor.
- Measurements table label (to be placed in electrical panel).
- Heating cable with 10' cold lead.

INSTALLATION

- **Never cut or shorten the heating cable.**
- For indoor applications only.
- On concrete slab or plywood subfloor.
- On optional uncoupling membrane.
- For heating cable installation on uncoupling membrane systems, consult the membrane manufacturer's instructions to ensure that it is compatible with the use of heating cables.

WARRANTY

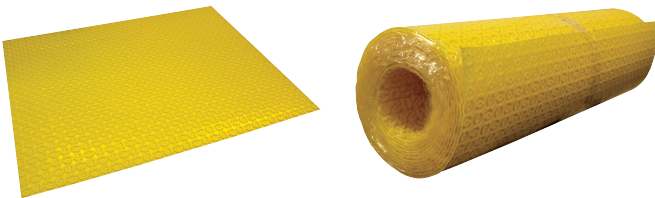
25 Years on the heating cable.

APPLICATION

Kitchen, bathroom, entranceway, family room, living room



Cable diameter 4.3mm



Uncoupling Self-adhesive membrane (sheet or roll).
See options on page 2.

120V MODELS

Part No. 120V	Covered Surface Depending on Spacing ¹				Watts	Amps	Cable Length	
	3 5/8" (92mm) ²		3 3/4" (95mm)				ft.	m.
	10W/sq ft	108W/sq m	9.6W/sq ft	103W/sq m				
DTR0082	9.50	0.90	10.00	0.90	85	0.71	32	9.75
DTR0122	12.00	1.10	12.50	1.20	120	1.00	40	12.19
DTR0152	16.00	1.50	16.50	1.50	150	1.25	53	16.15
DTR0172	18.50	1.70	19.00	1.80	170	1.43	61	18.59
DTR0242	24.00	2.20	25.00	2.30	240	2.00	80	24.38
DTR0302	30.50	2.80	31.50	2.90	300	2.50	101	30.78
DTR0362	36.50	3.40	37.50	3.50	360	3.00	120	36.58
DTR0422	42.50	4.00	44.00	4.10	420	3.50	141	42.98
DTR0472	48.50	4.50	50.00	4.60	475	3.96	160	48.77
DTR0602	60.50	5.60	62.50	5.80	600	5.00	200	60.96
DTR0722	72.50	6.70	75.00	7.00	720	6.00	240	73.15
DTR0842	84.50	7.90	87.50	8.10	840	7.00	280	85.34
DTR0962	96.50	9.00	100.00	9.30	960	8.00	320	97.54
DTR1142	115.00	10.66	119.00	11.03	1140	9.50	380	115.82
DTR1322	133.00	12.35	137.50	12.77	1320	11.00	440	134.11
DTR1452	145.00	13.50	150.00	13.9	1450	12.00	480	146.30
DTR1502	151.00	14.00	156.50	14.5	1500	12.50	500	152.40
DTR1682	169.50	15.70	175.00	16.3	1680	14.00	560	170.69

240/208V MODELS

Part No. 240/208V	Covered Surface Depending on Spacing ¹				Watts	Amps	Cable Length	
	3 5/8" (92mm) ²		3 3/4" (95mm)				ft.	m.
	10W/sq ft	108W/sq m	9.6W/sq ft	103W/sq m				
DTR0170	18.50	1.70	19.00	1.80	170	0.71	61	18.59
DTR0240	24.00	2.20	25.00	2.30	240	1.00	80	24.38
DTR0300	30.50	2.80	31.50	2.90	300	1.25	101	30.78
DTR0360	36.50	3.40	37.50	3.50	360	1.50	120	36.58
DTR0420	42.50	4.00	44.00	4.10	420	1.75	141	42.98
DTR0475	48.50	4.50	50.00	4.60	475	1.98	160	48.77
DTR0600	60.50	5.60	62.50	5.80	600	2.50	200	60.96
DTR0720	72.50	6.70	75.00	7.00	720	3.00	240	73.15
DTR0840	84.50	7.90	87.50	8.10	840	3.50	280	85.34
DTR0960	96.50	9.00	100.00	9.30	960	4.00	320	97.54
DTR1080	109.00	10.10	112.50	10.50	1080	4.50	360	109.73
DTR1200	121.00	11.20	125.00	11.60	1200	5.00	400	121.92
DTR1440	145.00	13.50	150.00	13.90	1440	6.00	480	146.30
DTR1600	169.00	15.70	175.00	16.30	1600	6.67	560	170.69
DTR1920	193.50	18.00	200.00	18.60	1920	8.00	640	195.07
DTR2280	229.50	21.30	237.50	22.10	2280	9.50	760	231.65
DTR2640	266.00	24.70	275.00	25.50	2640	11.00	880	268.22
DTR2900	292.50	27.20	302.50	28.10	2900	12.08	968	295.04
DTR3000	302.00	28.10	312.50	29.00	3000	12.50	1000	304.80
DTR3360	338.50	31.40	350.00	32.50	3360	14.00	1120	341.38

¹ Does not represent the surface of the room, but the surface covered by the floor heating system excluding fixtures and other spaces.

² Spacing with the NADCM-S membrane when the cable is installed with 3 spacing studs.

208V = 75% of wattage at 240V.

15' (4.6m) floor sensor and 10' (3m) cold lead included.

ACCESSORIES

NADCM-S-80	Uncoupling self-adhesive membrane in sheet, 2'6-5/16" x 3' 3", 8.16 sq ft, sold in multiples of 10
NADCM-S-150	Uncoupling self-adhesive membrane in roll, 46" 7" X 3' 3", 150 sq ft
OTM-CC	CableCheck - Electrical fault indicator
KIT-DWF-FIX	Repair Kit
KIT-DWF-S	15 ft. (4.6m) floor sensor

CONTROLS

UDG-4999	Multi-voltage (120, 208, and 240V) electronic programmable thermostat with floor temperature sensing probe.
OTH3600-GA-ZB	Smart thermostat - Zigbee - for floor heating system
GT130	Smart gateway that provides remote access to the OTH3600-GA-ZB