

# °STELPRO

## HEATING CABLE MAT

SFM SERIES

### A HEATED FLOOR THAT GIVES YOU THE COMFORT OF WARM SAND

°STELPRO's new and innovative heating cable mat adds comfort and a touch of luxury to your home. The PERSIA™ mat has a host of advantages making it the ideal floor heating system for you: silent, efficient and unobtrusive. It can be installed with most types of floor coverings and a wide range of sizes are available. Furthermore, the electromagnetic fields are almost non-existent with the PERSIA™ heating cable mat, meaning it is safe for your crawling toddlers and the rest of your family. Unique to °STELPRO, the membrane is made from a durable, non-woven fabric, making it easy to install and at the same time protecting the cable from damage from tools during installation. This makes PERSIA™ incomparable to other heating mats on the market.

PERSIA™



#### QUICK, SAFE AND EASY INSTALLATION

HEATING FROM THE GROUND UP, PROVIDING OPTIMAL COMFORT

PERFECT FOR PEOPLE SUFFERING FROM ALLERGIES: NO AIR MOVEMENT, NO DUST AND NO SMELL

WIDE RANGE OF SIZES AVAILABLE

#### RECOMMENDED LOCATIONS

BATHROOM, KITCHEN, LIVING ROOM, BEDROOM, BASEMENT, HALLWAY, DAY CARE CENTRE, LOCKER ROOM, SMALL SPACE

#### MANUFACTURING

- twin heating cables made from high quality thermoplastic polymers, covered and laminated on both sides with a durable non-woven fabric
- meets the following standards: CAN/CSA-C22.2 No. 130-03 for usage markings G, X and W; UL 1673; ANSI/IEEE 515.1 for type C
- very thin (less than 1/8 in. thickness)
- standard length of 10 feet (3 m) for the power lead wires (other lengths available under special orders)

#### WATTAGE

12 W/sq.ft. or 9 W/sq.ft. (at 208 V)

#### CONTROL

- electronic thermostat for heating cable (optional)
- the branch circuit must be equipped with a circuit breaker having a current rating of no more than 15 amps; also, if more than one mat is used, the total current must not surpass 12 amps because the circuit breaker or fuse is limited to a maximum of 15 amps

#### INSTALLATION

- can be installed on either side, in any direction
- concrete slab or plywood subflooring
- compatible with all types of mortar, adhesive mortar, polymer-modified mortar (thinset) and self-levelling mortar usually used for floor coverings
- can be installed under most types of floor coverings\* (ceramic tiles, slate, marble, granite, floating floors, laminates, vinyl tiles, linoleum, etc.)

### ACCESSORIES

PRODUCT	DESCRIPTION	PRICE
STCNPW5*/ STCNPW15	single programming electronic thermostat	---
STCP5*/ STCPW15	multiple programming electronic thermostat	---
TH115F12VDC	master thermostat for use with relay (120 V/240 V) in large areas [12 V]	159.00
CT230GB	relay for use with master thermostat in large areas [15 A @ 120 V-240 V, 50/60 Hz]	144.50
STSCC	thermostat sensor for heating cable	16.75
SFMRK	repair kit	68.25

\* Add W for white, A for almond, S for silver

\* 5 mA models: mandatory in bathrooms and similar room types

#### FOR MAXIMUM EFFICIENCY

ELECTRONIC THERMOSTATS FOR HEATING FLOORS



\* For more information about the types of floor coverings under which you can safely install a heating cable, we strongly recommend that you contact a floor covering manufacturer.

# TECHNICAL SPECIFICATIONS

PRODUCT	SERIES SIZES	DIMENSIONS (IN.)		SURFACE AREA	POWER	CURRENT	WEIGHT*		PRICE
CODE	FEET	LENGTH	WIDTH	SQ.FT.	WATTS	AMPERES	KG	LB	
<b>120 VOLTS</b>									
SFM1W0095D042027	3.5	42	27	7.9	95	0.8	1.3	2.8	205.50
SFM1W0112D042032		42	32	9.3	112	0.9	1.3	2.9	214.00
SFM1W0147D042042		42	42	12.3	147	1.2	1.4	3.1	226.50
SFM1W0096D048024	4	48	24	8.0	96	0.8	1.4	3.1	208.25
SFM1W0120D048030		48	30	10.0	120	1.0	1.4	3.1	222.75
SFM1W0144D048036		48	36	12.0	144	1.2	1.4	3.1	233.25
SFM1W0168D048042		48	42	14.0	168	1.4	1.6	3.5	243.75
SFM1W0192D048048		48	48	16.0	192	1.6	1.8	4.0	278.50
SFM1W0120D060024		5	60	24	10.0	120	1.0	1.1	2.5
SFM1W0150D060030	60		30	12.5	150	1.3	1.4	3.0	239.00
SFM1W0180D060036	60		36	15.0	180	1.5	1.5	3.3	265.00
SFM1W0210D060042	60		42	17.5	210	1.8	1.7	3.8	286.00
SFM1W0240D060048	60		48	20.0	240	2.0	2.0	4.3	315.75
SFM1W0300D060060	60		60	25.0	300	2.5	2.3	5.1	365.75
SFM1W0144D072024	6		72	24	12.0	144	1.2	1.2	2.6
SFM1W0180D072030		72	30	15.0	180	1.5	1.5	3.2	265.00
SFM1W0216D072036		72	36	18.0	216	1.8	1.6	3.6	296.75
SFM1W0252D072042		72	42	21.0	252	2.1	1.9	4.1	330.25
SFM1W0288D072048		72	48	24.0	288	2.4	2.2	4.8	356.25
SFM1W0360D072060		72	60	30.0	360	3.0	2.6	5.7	406.00
SFM1W0432D072072		72	72	36.0	432	3.6	3.3	7.3	434.75
SFM1W0168D084024		7	84	24	14.0	168	1.4	1.4	3.0
SFM1W0210D084030	84		30	17.5	210	1.8	1.6	3.5	290.00
SFM1W0252D084036	84		36	21.0	252	2.1	1.8	3.9	330.25
SFM1W0294D084042	84		42	24.5	294	2.5	2.1	4.7	360.00
SFM1W0336D084048	84		48	28.0	336	2.8	2.5	5.5	391.75
SFM1W0420D084060	84		60	35.0	420	3.5	2.8	6.2	427.25
SFM1W0504D084072	84		72	42.0	504	4.2	3.2	7.1	490.50
SFM1W0588D084084	84		84	49.0	588	4.9	3.5	7.7	548.00
SFM1W0192D096024	8		96	24	16.0	192	1.6	1.3	2.9
SFM1W0240D096030		96	30	20.0	240	2.0	1.7	3.8	315.75
SFM1W0288D096036		96	36	24.0	288	2.4	2.0	4.5	356.25
SFM1W0336D096042		96	42	28.0	336	2.8	2.4	5.4	391.75
SFM1W0384D096048		96	48	32.0	384	3.2	2.4	5.4	408.00
SFM1W0480D096060		96	60	40.0	480	4.0	3.1	6.8	467.50
SFM1W0576D096072		96	72	48.0	576	4.8	3.8	8.3	537.50
SFM1W0672D096084		96	84	56.0	672	5.6	4.0	8.9	622.00
SFM1W0768D096096		96	96	64.0	768	6.4	4.1	9.0	667.00
SFM1W0240D120024		10	120	24	20.0	240	2.0	1.6	3.6
SFM1W0300D120030	120		30	25.0	300	2.5	2.0	4.3	360.00
SFM1W0360D120036	120		36	30.0	360	3.0	2.3	5.1	400.25
SFM1W0420D120042	120		42	35.0	420	3.5	2.6	5.8	421.50
SFM1W0480D120048	120		48	40.0	480	4.0	3.0	6.6	465.50
SFM1W0600D120060	120		60	50.0	600	5.0	3.6	7.9	548.00
SFM1W0720D120072	120		72	60.0	720	6.0	4.3	9.5	643.00
SFM1W0840D120084	120		84	70.0	840	7.0	4.4	9.8	696.75
SFM1W0960D120096	120		96	80.0	960	8.0	5.2	11.4	767.75

\* With packaging

# TECHNICAL SPECIFICATIONS

PRODUCT	SERIES SIZES	DIMENSIONS (IN.)		SURFACE AREA	POWER (WATTS)		CURRENT (AMPERES)		WEIGHT*		PRICE	
		CODE	FEET		LENGTH	WIDTH	SQ.FT.	240 V	208 V	240 V		208 V
<b>240 VOLTS</b>												
SFM2W0147D042042	3.5		42	42	12.3	147	110	0.6	0.5	3.3	7.3	268.75
SFM2W0144D048036	4		48	36	12.0	144	108	0.6	0.5	3.1	6.8	249.50
SFM2W0168D048042			48	42	14.0	168	126	0.7	0.6	3.3	7.3	288.00
SFM2W0192D048048			48	48	16.0	192	144	0.8	0.7	4.1	9	299.50
SFM2W0150D060030	5		60	30	12.5	150	113	0.6	0.5	2.9	6.4	249.50
SFM2W0180D060036			60	36	15.0	180	135	0.8	0.7	3.4	7.5	265.25
SFM2W0210D060042			60	42	17.5	210	158	0.9	0.8	3.9	8.6	286.25
SFM2W0240D060048			60	48	20.0	240	180	1.0	0.9	4.6	10.1	315.50
SFM2W0300D060060		60	60	25.0	300	225	1.3	1.1	5.1	11.2	366.00	
SFM2W0180D072030	6		72	30	15.0	180	135	0.8	0.7	3.2	7.1	265.00
SFM2W0216D072036			72	36	18.0	216	162	0.9	0.8	3.7	8.2	296.25
SFM2W0252D072042			72	42	21.0	252	189	1.1	0.9	4.4	9.7	330.50
SFM2W0288D072048			72	48	24.0	288	216	1.2	1.0	4.5	9.9	355.75
SFM2W0360D072060			72	60	30.0	360	270	1.5	1.3	5.6	12.3	406.25
SFM2W0432D072072			72	72	36.0	432	324	1.8	1.6	7.3	16.1	434.50
SFM2W0168D084024	7		84	24	14.0	168	126	0.7	0.6	2.8	6.2	248.00
SFM2W0210D084030			84	30	17.5	210	158	0.9	0.8	3.5	7.7	290.25
SFM2W0252D084036			84	36	21.0	252	189	1.1	0.9	3.9	8.6	330.50
SFM2W0294D084042			84	42	24.5	294	221	1.2	1.1	4.7	10.4	359.75
SFM2W0336D084048			84	48	28.0	336	252	1.4	1.2	5.3	11.7	392.00
SFM2W0420D084060			84	60	35.0	420	315	1.8	1.5	6.1	13.4	427.25
SFM2W0504D084072			84	72	42.0	504	379	2.1	1.8	7.1	15.7	490.75
SFM2W0588D084084			84	84	49.0	588	442	2.5	2.1	7.6	16.8	548.25
SFM2W0192D096024	8		96	24	16.0	192	144	0.8	0.7	3	6.6	248.00
SFM2W0240D096030			96	30	20.0	240	180	1.0	0.9	3.7	8.2	315.50
SFM2W0288D096036			96	36	24.0	288	216	1.2	1.0	4.1	9	355.75
SFM2W0336D096042			96	42	28.0	336	252	1.4	1.2	5.2	11.5	392.00
SFM2W0384D096048			96	48	32.0	384	288	1.6	1.4	5.3	11.7	408.25
SFM2W0480D096060			96	60	40.0	480	361	2.0	1.7	6.8	15	467.75
SFM2W0576D096072			96	72	48.0	576	433	2.4	2.1	8.2	18.1	537.25
SFM2W0672D096084			96	84	56.0	672	505	2.8	2.4	9	19.8	621.75
SFM2W0768D096096			96	96	64.0	768	577	3.2	2.8	8.9	19.6	667.25
SFM2W0240D120024	10		120	24	20.0	240	180	1.0	0.9	3.6	7.9	311.50
SFM2W0300D120030			120	30	25.0	300	225	1.3	1.1	4.4	9.7	359.75
SFM2W0360D120036			120	36	30.0	360	270	1.5	1.3	5	11	400.00
SFM2W0420D120042			120	42	35.0	420	315	1.8	1.5	5.7	12.6	421.25
SFM2W0480D120048			120	48	40.0	480	361	2.0	1.7	6.5	14.3	465.75
SFM2W0600D120060			120	60	50.0	600	451	2.5	2.2	7.8	17.2	548.25
SFM2W0720D120072			120	72	60.0	720	541	3.0	2.6	9.5	20.9	643.00
SFM2W0840D120084			120	84	70.0	840	631	3.5	3.0	9.9	21.8	696.25
SFM2W0960D120096			120	96	80.0	960	721	4.0	3.5	11.3	24.9	768.00
SFM2W1200D120120			120	120	100.0	1200	901	5.0	4.3	13.8	30.4	906.00
SFM2W0432D144036	12		144	36	36.0	432	324	1.8	1.6	5.5	11.1	422.25
SFM2W0720D144060			144	60	60.0	720	541	3.0	2.6	9.1	20.1	568.25
SFM2W0864D144072			144	72	72.0	864	649	3.6	3.1	10.4	22.9	671.75
SFM2W1152D144096			144	96	96.0	1152	865	4.8	4.2	13.5	29.8	825.50
SFM2W1440D144120			144	120	120.0	1440	1082	6.0	5.2	16	35.3	940.50
SFM2W1728D144144			144	144	144.0	1728	1298	7.2	6.2	18.3	40.3	998.00

\* With packaging

