

## GREEN CABLE SURFACE XL®

### OUTSTANDING FLEXIBILITY

With its constant diameter at every length, the Green Cable Surface XL™ is not only the perfect complement to uncoupling membrane installation systems, but it can also be installed with traditional gauges.



#### EASY TO INSTALL

#### FLEXIBLE AND ROBUST CABLE WITH MINIMAL SHAPE MEMORY

#### ADAPTS TO ROOMS OF ALL SHAPES AND SIZES

#### MAINTENANCE FREE

#### ENERGY SAVINGS:

A HEATED MASS RETAINS HEAT MORE EASILY THAN AIR

#### CAN BE INSTALLED INDOORS IN DRY OR WET ENVIRONMENTS

#### COMPLETE SET, INCLUDING:

HEATING CABLE, CABLE GAUGES, HOT GLUE STICKS, AND INSTALLATION GUIDE

#### MANUFACTURING

- Heating elements covered with fluoropolymer insulation for greater reliability
- Paired and twisted dual conductor design to eliminate electromagnetic fields
- Conductors shielded with a copper braid to ensure safety and robustness
- Flexible PVC sheath with constant diameter for easy installation

#### AVAILABLE VOLTAGES

- 120 V and 240 V

#### POWERS

- **Cable gauges**
  - 3 in.: 14.5 W/ft<sup>2</sup>
  - Alternated 3-4 in.: 12.4 W/ft<sup>2</sup>
  - 4 in.: 10.9 W/ft<sup>2</sup>
- **Uncoupling membrane**
  - Alternated 2-3 studs (2-1/2 - 3-3/4 in.): 13.8 W/ft<sup>2</sup>
  - 3 studs (3-3/4 in.): 11.5 W/ft<sup>2</sup>

#### CONTROL

- Electronic thermostat for floor heating (sold separately)

#### INSTALLATION

- Installs in a few easy steps with an uncoupling membrane or the included patented cable spacers
- Compatible with all subfloors that accept thinset mortar or self-leveling underlayment
- Compatible with most floor coverings (Validate installation details with the flooring manufacturer)
- Can be installed in a wet environment, such as a European style shower floor

#### WARRANTY

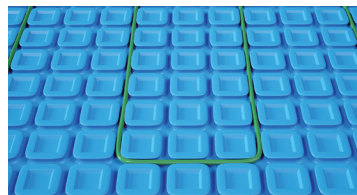
- Twenty-five years\*.

#### IDEAL FOR:

bathroom, kitchen, living room, bedroom, basement, hallway, day care centre, locker room, small space

#### INSTALLATION SYSTEM

##### UNCOUPLING MEMBRANE



##### GAUGES



Membrane sold separately - Gauges included



Flextherm reserves the right to modify descriptions, manufacturing specifications or prices without prior notice. For all the latest models and prices, please refer to our website at [www.flextherm.com](http://www.flextherm.com).

\*We offer a limited lifetime warranty on Green Cable Surface XL™ when installed by a certified FLEXpert. Certain conditions apply.

# TECHNICAL SPECIFICATIONS

Volts	Part No.	COVERAGE (FT <sup>2</sup> )							Wattage* (W)	Amperage (A)	Length (ft)
		Stelpro membrane		Other membrane		Cable gauges					
		2 1/2"- 3 3/4" Alternate 2 - 3 Studs 13.8 W/ft <sup>2</sup>	3 3/4" 3 Studs 11.5 W/ft <sup>2</sup>	2 3/8"- 3 1/2" Alternate 2 - 3 Studs 14.4 W/ft <sup>2</sup>	3 1/2" 3 Studs 12 W/ft <sup>2</sup>	3"	3" - 4" Alternate	4"			
				14.5 W/ft <sup>2</sup>	12.4 W/ft <sup>2</sup>	10.9 W/ft <sup>2</sup>					
240 V / 208 V	HGS240L0031	9.1	10.8	8.8	10.5	8.8	10.1	11.5	113 / 85	0.5 / 0.4	31
	HGS240L0049	13.9	16.6	13.4	16.0	13.4	15.5	17.6	176 / 132	0.8 / 0.7	49
	HGS240L0063	17.8	21.2	17.1	20.5	17.1	19.8	22.6	228 / 171	1.0 / 0.9	63
	HGS240L0089	24.8	29.6	23.9	28.7	23.9	27.7	31.5	322 / 242	1.4 / 1.2	89
	HGS240L0111	30.8	36.8	29.6	35.6	29.6	34.4	39.1	403 / 303	1.7 / 1.5	111
	HGS240L0134	36.8	44.0	35.4	42.5	35.4	41.1	46.8	484 / 364	2.1 / 1.8	134
	HGS240L0157	43.1	51.5	41.5	49.9	41.5	48.2	54.9	570 / 428	2.4 / 2.1	157
	HGS240L0178	48.6	58.1	46.7	56.2	46.7	54.3	61.9	645 / 484	2.7 / 2.4	178
	HGS240L0200	54.6	65.2	52.5	63.1	52.5	61.0	69.5	725 / 545	3.1 / 2.7	200
	HGS240L0222	60.5	72.3	58.1	70.0	58.1	67.6	77.0	806 / 605	3.4 / 3.0	222
	HGS240L0258	69.9	83.6	67.2	80.9	67.2	78.1	89.1	934 / 702	3.9 / 3.4	258
	HGS240L0291	78.7	94.1	75.6	91.0	75.6	87.9	100.3	1054 / 792	4.4 / 3.9	291
	HGS240L0320	86.4	103.3	83.0	100.0	83.0	96.6	110.1	1159 / 871	4.9 / 4.2	320
	HGS240L0352	95.0	113.6	91.2	109.9	91.2	106.1	121.1	1276 / 958	5.4 / 4.7	352
	HGS240L0390	105.0	125.6	100.9	121.5	100.9	117.4	133.9	1413 / 1062	5.9 / 5.1	390
	HGS240L0418	112.4	134.4	107.9	130.0	107.9	125.6	143.3	1515 / 1138	6.4 / 5.5	418
	HGS240L0480	128.8	154.2	123.7	149.1	123.7	144.0	164.3	1739 / 1306	7.3 / 6.3	480
	HGS240L0503	134.8	161.4	129.5	156.1	129.5	150.8	172.0	1760 / 1322	7.4 / 6.4	503
	HGS240L0553	148.0	177.2	142.2	171.4	142.2	165.5	188.9	2109 / 1584	8.8 / 7.7	553
	HGS240L0632	168.9	202.2	162.2	195.6	162.2	188.9	215.5	2234 / 1678	9.4 / 8.1	632
HGS240L0712	189.9	227.5	182.4	220.0	182.4	212.5	242.4	2438 / 1831	10.2 / 8.8	712	
HGS240L0772	205.7	246.4	197.6	238.2	197.6	230.1	262.6	2796 / 2100	11.7 / 10.1	772	
HGS240L0908	241.5	289.3	232.0	279.7	232.0	270.2	308.4	3289 / 2470	13.7 / 11.9	908	

120 V	HGS120L0024	7.2	8.6	6.9	8.3	6.9	8.0	9.1	88	0.8	24
	HGS120L0031	9.2	10.9	8.9	10.6	8.9	10.2	11.6	114	1.0	31
	HGS120L0045	12.8	15.2	12.3	14.7	12.3	14.3	16.2	161	1.4	45
	HGS120L0067	18.9	22.5	18.1	21.7	18.1	21.0	23.9	242	2.1	67
	HGS120L0079	22.0	26.3	21.2	25.4	21.2	24.6	28.0	285	2.4	79
	HGS120L0100	27.8	33.2	26.8	32.1	26.8	31.1	35.4	363	3.1	100
	HGS120L0111	30.8	36.8	29.6	35.6	29.6	34.4	39.1	403	3.4	111
	HGS120L0129	35.6	42.5	34.2	41.1	34.2	39.7	45.2	467	3.9	129
	HGS120L0160	43.9	52.4	42.2	50.7	42.2	49.0	55.8	579	4.9	160
	HGS120L0176	48.2	57.5	46.3	55.7	46.3	53.8	61.3	638	5.4	176
	HGS120L0195	53.2	63.5	51.2	61.5	51.1	59.4	67.7	707	5.9	195
	HGS120L0209	56.9	68.0	54.7	65.8	54.7	63.6	72.5	758	6.4	209
	HGS120L0240	65.2	78.0	62.7	75.4	62.7	72.9	83.1	870	7.3	240
	HGS120L0252	68.3	81.7	65.6	79.0	65.6	76.3	87.0	879	7.4	252
	HGS120L0276	74.9	89.5	71.9	86.6	71.9	83.7	95.4	1054	8.8	276
	HGS120L0316	85.3	102.1	82.0	98.7	82.0	95.4	108.8	1118	9.4	316
	HGS120L0356	96.0	114.8	92.2	111.0	92.2	107.3	122.3	1218	10.2	356
	HGS120L0386	103.9	124.3	99.8	120.2	99.8	116.1	132.4	1398	11.7	386
	HGS120L0454	121.8	145.8	117.0	141.0	117.0	136.2	155.4	1645	13.7	454

\*240-volt models can be connected to a 208-volt source, but the heating capacity will be reduced to approximately 75% of the indicated value.

## ACCESSORIES

Part No.	Description
HGSMD162	STELPRO - Uncoupling membrane (roll of 162 ft <sup>2</sup> )
HGSMD054	STELPRO - Uncoupling membrane (roll of 54 ft <sup>2</sup> )
HGSMDF	STELPRO - Uncoupling membrane (sheet of 8.9 ft <sup>2</sup> )
HGSGG	STELPRO - Gauges for heating cable (pack of 20), includes glue stick
FLS1240	STELPRO - 10K Thermal floor sensor - 15 ft wire
FLG25	STELPRO - Hot Glue Sticks (25 units)
FSK-03	STELPRO - Repair kit (for 1 splice) - Twin conductor surface cable (GS, HGS, CGS, CPS, TS)

Flextherm reserves the right to modify descriptions, manufacturing specifications or prices without prior notice.

For all the latest models and prices, please refer to our website at [www.flextherm.com](http://www.flextherm.com).

**\*We offer a limited lifetime warranty on Green Cable Surface XL™ when installed by a certified FLEXpert. Certain conditions apply.**