

HGS – GREEN CABLE SURFACE XL®

FLOOR HEATING CABLE



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/ft²
- Alternated 3-4 in.: 12.4 W/ft²
- 4 in.: 10.9 W/ft²

Uncoupling membrane

- Alternated 2-3 studs (2-1/2 - 3-3/4 in.): 13.8 W/ft²
- 3 studs (3-3/4 in.): 11.5 W/ft²

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

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TECHNICAL SPECIFICATIONS

PRODUCT	COVERAGE (FT ²)							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 ²	3 3/4" 3 STUDS 11.5 W/FT ²	2 3/8" - 3 1/2" ALTERNATE 2 - 3 STUDS 14.4 W/FT ²	3 1/2" 3 STUDS 12 W/FT ²	3" 14.5 W/FT ²	3" - 4" ALTERNATE 12.4 W/FT ²	4" 10.9 W/FT ²			
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

PRODUCT	DESCRIPTION
HGSMD162	STELPRO - Uncoupling membrane (roll of 162 ft ²)
HGSMD054	STELPRO - Uncoupling membrane (roll of 54 ft ²)
HGSMDF	STELPRO - Uncoupling membrane (sheet of 8.9 ft ²)
HSGGG	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)

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