PRODUCT OVERVIEW

TempZone™ Floor Heating Ruler Cable

Measure as you lay. Heat with confidence.

The first electric radiant heating cable with built-in hash marks. See exactly how much cable is down as you lay it, and deliver even heat.



½ in

Hash marks at every half-inch, inch and foot

3.7 W/ft

Heating output per linear foot

25-yr

No Nonsense™ Warranty

CONTRACTOR VALUE PROPOSITION

Why pros choose Ruler Cable

01

See every foot laid

Too much or too little cable at the end of a room means costly rework.

Continuous markings show how much cable is paid out, so installers can adjust spacing on the fly.

02

Built for the jobsite

ETFE insulation resists crushing and abrasion during rough-in.

High-visibility yellow jacket with black markings.

Bends easily and snaps into major uncoupling membranes without lifting or creating uneven floors.

03

Exclusive to pros

Sold to trade pros only, with no marketplace listings or big-box price-shopping.

Homeowners can't buy it direct, so the installer stays the expert and margins stay protected.

TECHNICAL DATA SHEET

Product electrical specifications

SPECIFICATION	DETAILS
Heating element	Yellow element with black markings and ETFE (fluoropolymer) insulation
Outer insulation	High-temperature PVC
Heating output	3.7 watts per linear foot; 9-15 watts per sq. ft., depending on spacing
Listing	cULus listed for wet locations, including shower floors and benches
Warranty	25-year No Nonsense™ Warranty

Electrical

120V

Cold lead: yellow & black with black outer sheath

240V

Cold lead: red & black with black outer sheath

ITEM	DETAILS
Polarity	No polarity
Ground fault protection	Must connect to a Class A GFCI, built into WarmlyYours listed thermostats

TECHNICAL DATA SHEET

Cable size & cold lead details

Spec	Details
Sizes	Cable lengths from 30' to 864'
Cold lead	Length: 12 feet; 18 AWG for cables of 10 amps or less; 16 AWG for cables over 10 amps
Factory splice max thickness	0.41" (10.5 mm)

Cable outer diameter

~4.5 mm

Cable outer diameter

Solid conductors and ETFE insulation keep the cable outer diameter to about 4.5 mm, a good fit for uncoupling membranes.

MATERIALS & STANDARDS

What's inside the cable

Basic construction

1. Dual-core solid wires, ETFE insulated
2. 110% spiral Al-Mylar tape wrap
3. Tinned copper drain wire for grounding
4. High-temp PVC jacket, 105°C

> Unlike the XLPE, copper braid and 90°C jackets common in North America, Ruler Cable adds 360° shielding with **100% aluminum foil coverage** to **minimize EMF coupling and EMI**.

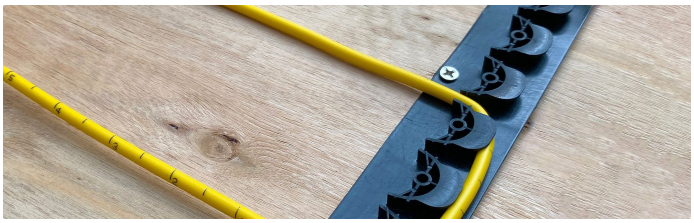
Feature	Ruler Cable	Standard cable
Insulation	**ETFE (fluoropolymer)**	XLPE
Temperature rating	**150°C**	90°C
Fire rating	**FT2**	None
Certification	**cULus, UL 1683**	Various
Dielectric and arc resistance	**Superior dielectric constant, better arc resistance**	—
Moisture and chemical resistance	**No reaction to moisture, water and chemicals**	—
Flexibility	**Much better flexibility than XLPE**	—

INSTALLATION

Choosing an installation method

Ruler Cable installs with either GripStrips™ or the Prodeso® Membrane.

GripStrips™



- **Best for:** budget-conscious projects, standard subfloors and flexible layouts.
- Strips secure the cable in place at set spacing for even heating.

Benefits:

- Free strips with your order
- Extras cost less than membrane
- Flexible for irregular rooms
- Adjustable spacing
- Low profile

Consider:

- Cable secured by hand
- Thinset or leveler must cover it

Default spacing: 4" (see next slide).

Compatible floors: Tile · Marble · Stone · Vinyl · LVT · LVP

Prodeso® Membrane



- **Best for:** faster installations, uncoupling protection and moisture control.
- Press cable into channels; tile goes directly over.

Benefits:

- Faster installation
- Helps prevent tile cracking
- Waterproofing with accessories
- Consistent cable depth and spacing

Consider:

- Costs more than GripStrips™
- Covers the whole floor

Not certified to be installed under nailed-down flooring.

INSTALLATION

Choosing your cable spacing

4" is the standard and the default with GripStrips™. Use 3.75" with Prodeso® Membrane. Use 3" in the situations below.

Application	Spacing
On slab with Thermal Sheet	4"
Over heated space / plywood	4"
Over unheated (crawl/plywood) space with Thermal Sheet	4"
Unspecified subfloor	3"
On slab	3"
Over unheated (crawl/plywood) space without Thermal Sheet	3"
3/4 season, sunroom, bonus room or solarium	3"
Primary source of heat	3"
LVT or similar temperature-limited floors (in leveler), glued-down floors	3"
Showers	3"

PRICING & SYSTEM RATINGS

120V cables: SKUs, coverage and pricing

Coverage in sq. ft. by spacing: 3" with GripStrips™, 3.75" with Prodeso® Membrane, 4" with GripStrips™ (recommended), 5" with both.

SKU	Length (ft)	3"	3.75"	4" (Rec.)	5"	Watts	Amps	MSRP
RCT-120-0030	30	7.5	9.4	10	12.5	112	0.93	$139
RCT-120-0040	40	10	12.5	13.3	16.7	148	1.23	$179
RCT-120-0050	50	12.5	15.6	16.7	20.8	185	1.54	$199
RCT-120-0070	70	17.5	21.9	23.3	29.2	260	2.17	$239
RCT-120-0090	90	22.5	28.1	30	37.5	333	2.78	$289
RCT-120-0120	120	30	37.5	40	50	444	3.7	$339
RCT-120-0150	150	37.5	46.9	50	62.5	554	4.62	$399
RCT-120-0180	180	45	56.3	60	75	666	5.55	$449
RCT-120-0220	220	55	68.8	73.3	91.7	814	6.78	$509
RCT-120-0260	260	65	81.3	86.7	108.3	962	8.02	$559
RCT-120-0300	300	75	93.8	100	125	1,110	9.25	$599
RCT-120-0340	340	85	106.3	113.3	141.7	1,259	10.49	$649
RCT-120-0375	375	93.8	117.2	125	156.3	1,389	11.57	$689
RCT-120-0432	432	108	135	144	180	1,598	13.32	$769

PRICING & SYSTEM RATINGS

240V cables: SKUs, coverage and pricing

Same spacing key as the 120V table.

SKU	Length (ft)	3"	3.75"	4" (Rec.)	5"	Watts	Amps	MSRP
RCT-240-0055	55	13.8	17.2	18.3	22.9	204	0.85	$209
RCT-240-0065	65	16.3	20.3	21.7	27.1	241	1	$229
RCT-240-0075	75	18.8	23.4	25	31.3	278	1.16	$249
RCT-240-0095	95	23.8	29.7	31.7	39.6	352	1.47	$299
RCT-240-0115	115	28.8	35.9	38.3	47.9	426	1.78	$329
RCT-240-0155	155	38.8	48.4	51.7	64.6	574	2.39	$409
RCT-240-0195	195	48.8	60.9	65	81.3	722	3.01	$469
RCT-240-0235	235	58.8	73.4	78.3	97.9	870	3.62	$529
RCT-240-0275	275	68.8	85.9	91.7	114.6	1,019	4.25	$579
RCT-240-0315	315	78.8	98.4	105	131.3	1,166	4.86	$619
RCT-240-0355	355	88.8	110.9	118.3	147.9	1,314	5.47	$669
RCT-240-0395	395	98.8	123.4	131.7	164.6	1,462	6.09	$719
RCT-240-0435	435	108.8	135.9	145	181.3	1,610	6.71	$769
RCT-240-0515	515	128.8	160.9	171.7	214.6	1,906	7.94	$859
RCT-240-0595	595	148.8	185.9	198.3	247.9	2,202	9.17	$959
RCT-240-0675	675	168.8	210.9	225	281.3	2,498	10.41	$1,069
RCT-240-0749	749	187.3	234.1	249.7	312.1	2,771	11.54	$1,149
RCT-240-0864	864	216	270	288	360	3,196	13.32	$1,259

MANUFACTURING EXCELLENCE

CII national-level recognitions

Every Ruler Cable is built under a rigorous, data-driven quality process, so you get fewer surprises on the job and a product you can stand behind with your customers. That process earned three **CII national-level** recognitions:

Platinum Award – Smart Manufacturing Kaizen:

Recognizing our initiatives in digital manufacturing and process improvement.

Gold Award – Net Zero Project Action Implementation:

Recognizing our efforts toward sustainable, resource-efficient manufacturing.

Silver Award – In-house AI-Powered Quality Intelligence System:

Recognizing our internally developed approach to data-driven quality monitoring and improvement.

TRADE PROFESSIONALS

Partner with WarmlyYours

Everything you need to quote, install and stand behind every Ruler Cable job.

Dedicated Account Manager

One person who knows your business handles quotes, orders and questions.

24/7 Technical Support

Radiant heating experts, any time, including nights and weekends.

Open Returns

Order with confidence. Return it undamaged and sellable for a 100% refund.

Free SmartPlan™ Layouts

Upload your plans and get a custom layout and materials list.

Same-Day Shipping, No Minimums

Orders before cutoff ship same day. Order exactly what you need.

Trade Pricing & Net-30 Terms

Trade pricing on all products. Net-30 for qualified businesses.

Certification Courses

Become a certified installer and set your business apart.

Scan to register as a WarmlyYours Pro. It's free, with no fees.

www.warmlyyours.com/trade