



Radiant Panel
TECHNOLOGIES

**Radiant Panel Technologies designs and
manufacturers Commercial, Residential,
Industrial & Agricultural nanotechnology heating
products**



Manufacturers



Industrial



Agricultural



Commercial



Residential

RPT Brand Products

All products can be backed and built to specifications and requirements

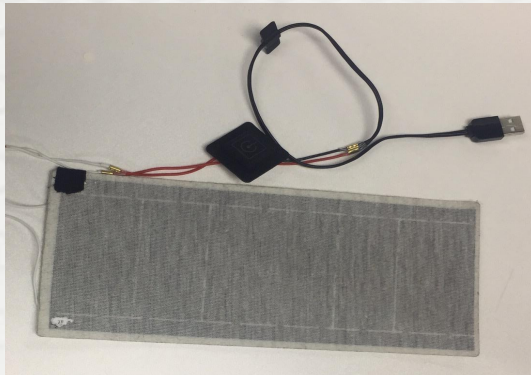


RPT FLM - It All Starts Here!

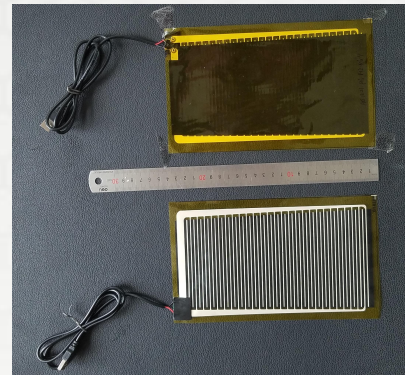
The common link to our products is Ink. We modify proprietary Graphene Ink to fit with specific product requirements



FLM



Ultra



Mini

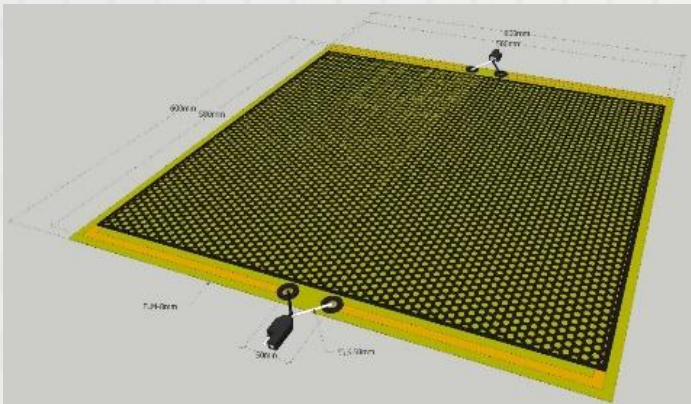


Viscous

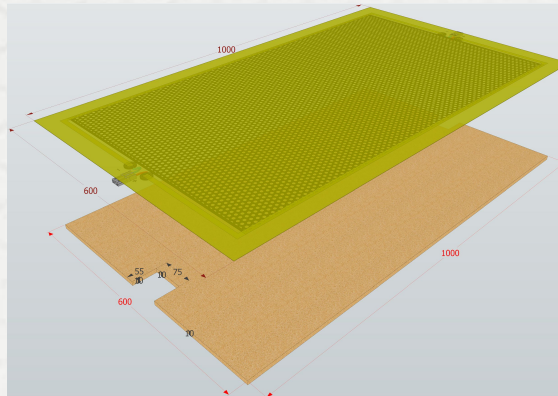
Our manufacturing technology is portable!

RPT FLM Based Products

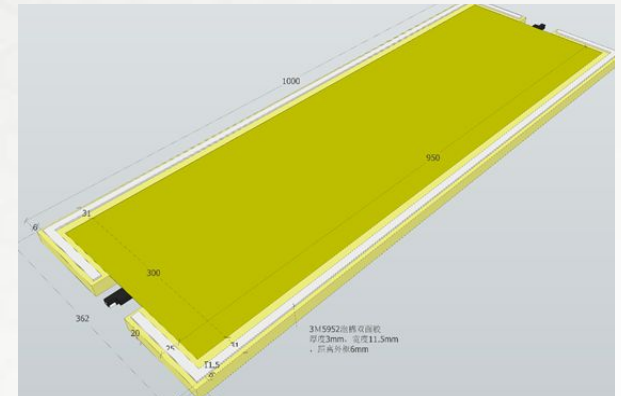
FLM allows for a variety of uses in structure radiant heating.
Our proprietary wiring system revolutionizes ease of installation.



Heat Film



**Insulated Heat Panels
(IHP)**



Under Sub Floor

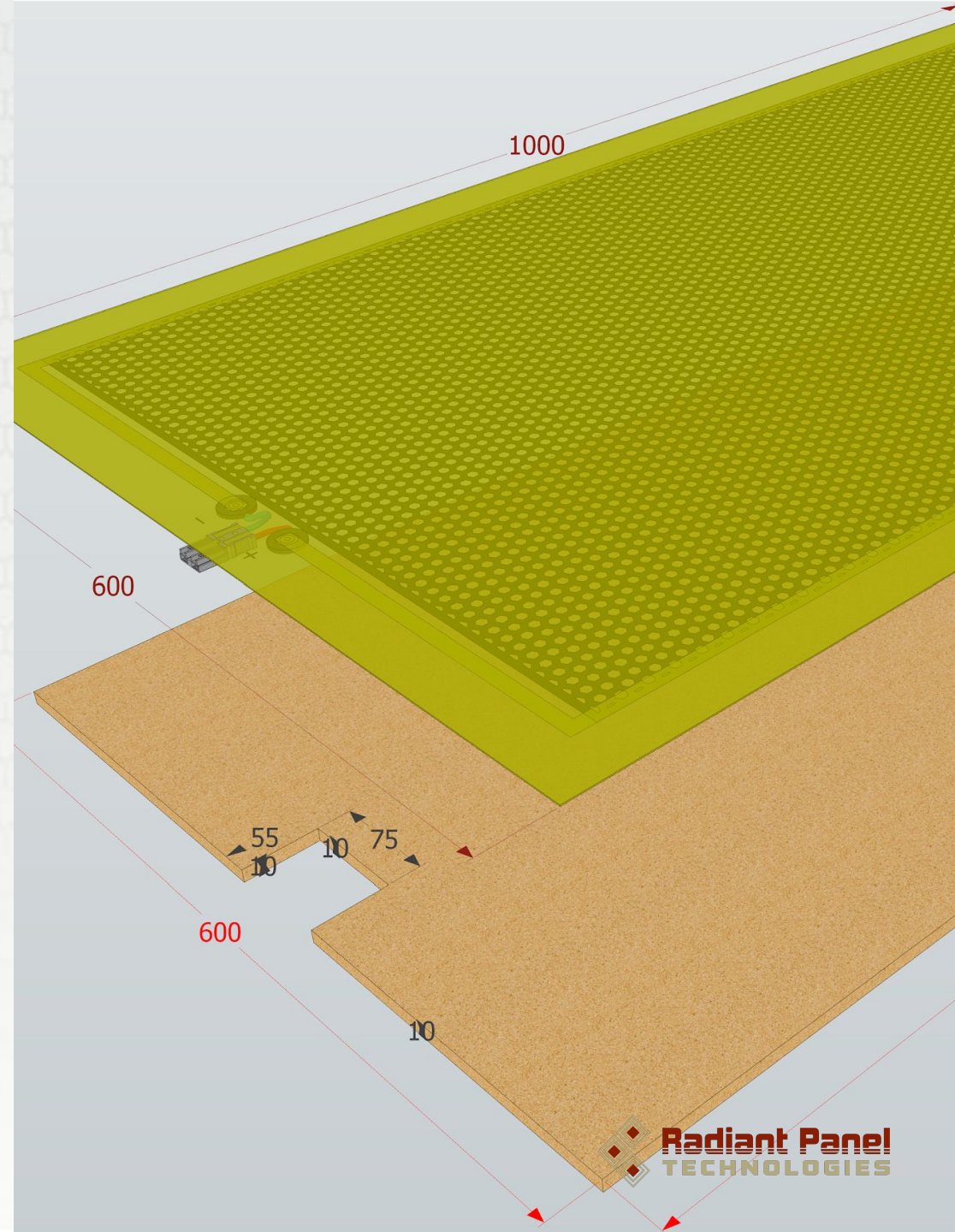
RPT Insulated Heat Panel Floor Heat System



- Nearly indestructible.
- Affixed insulation backer/underlayment.
- Installation is incredibly fast and simple.
- Each panel QC Tested
- Easy to diagnosis and repair
- Graphene is the strongest, most electrically and thermally conductive element known to man.
- Extremely light weight
- Little to no degradation over time

RPT Graphene Heat Panels with a Cork Backer

A one-two punch in green construction.



RPT Graphene Heat Panels with a Cork Backer

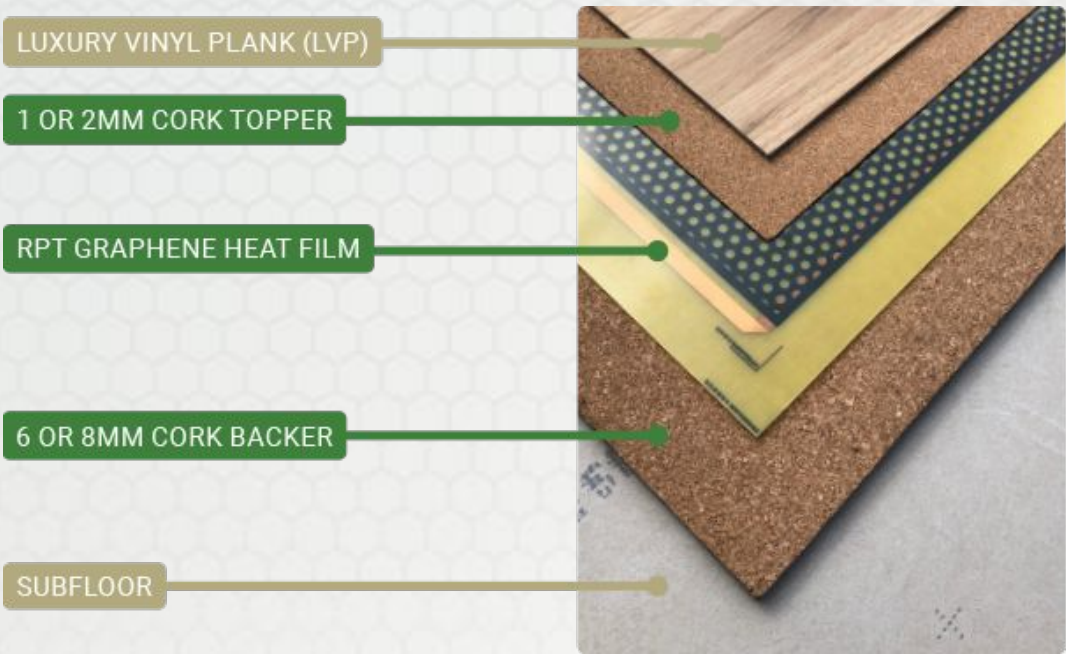
Cork happens to be one of the top choices for underlayment due to its unique structure and the following incredible benefits:

- Durable
- Healthy
- Sustainable
- Acoustics
- Comfort
- Safe
- Cost



Insulated Graphene Heat Panels for Luxury Vinyl Tile and Luxury Vinyl Plank

RPT panels incorporate all GREEN highlighted components into 1 compressed easy to install panel.

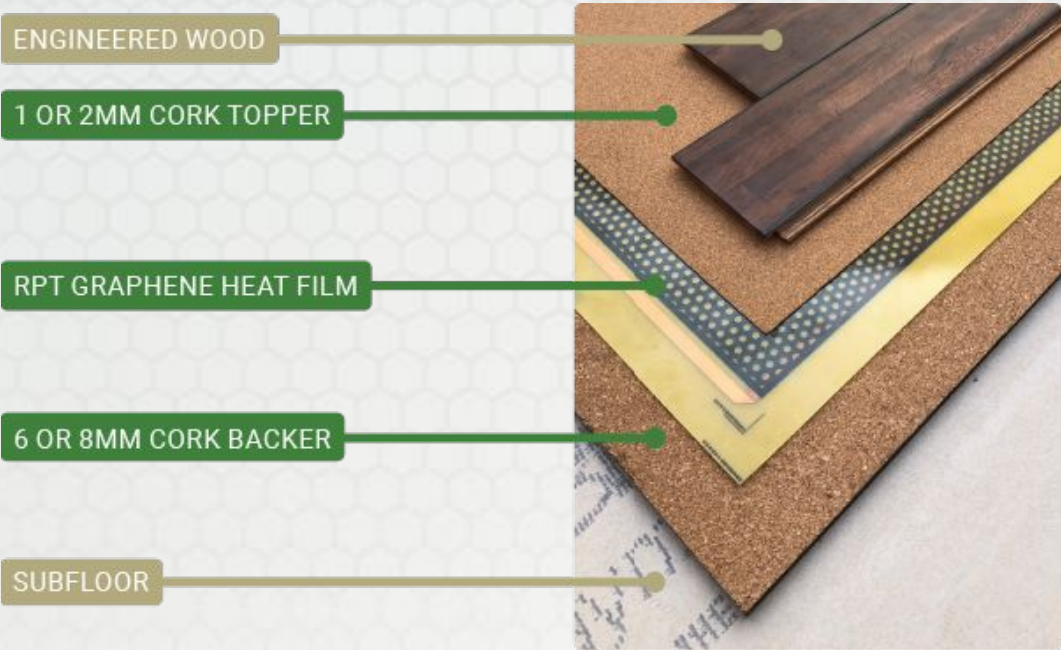


Dimensions and Specs:

		Millimeters		Inches		Backer Height	Total Watts	Total Amps
		Width	Length	Width	Length			
P2P	IHPT-606-120-200-C6-T2	600mm	600mm	23.62in	23.62in	6 or 8mm	72W	0.6A
P2P	IHPT-609-120-200-CK6-T2	600mm	900mm	23.62in	35.43in	6 or 8mm	108W	0.9A
P2P	IHPT-6012-120-200-CK6-T2	600mm	1200mm	23.62in	47.24in	6 or 8mm	144W	1.2A

Insulated Graphene Heat Panels for Engineered Hardwood

RPT panels incorporate all GREEN highlighted components into 1 compressed easy to install panel.

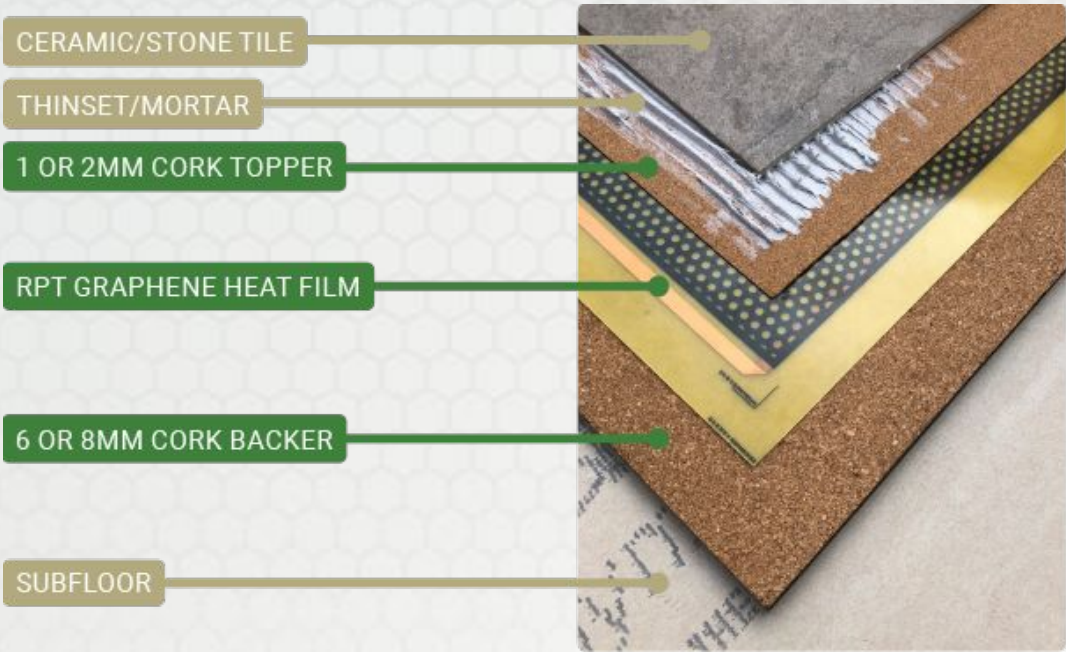


Dimensions and Specs:

		Millimeters		Inches		Backer Height	Total Watts	Total Amps
		Width	Length	Width	Length			
P2P	IHPT-606-120-200-C6-T2	600mm	600mm	23.62in	23.62in	6 or 8mm	72W	0.6A
P2P	IHPT-609-120-200-CK6-T2	600mm	900mm	23.62in	35.43in	6 or 8mm	108W	0.9A
P2P	IHPT-6012-120-200-CK6-T2	600mm	1200mm	23.62in	47.24in	6 or 8mm	144W	1.2A

Insulated Graphene Heat Panels for Ceramic and Stone

RPT panels incorporate all GREEN highlighted components into 1 compressed easy to install panel.

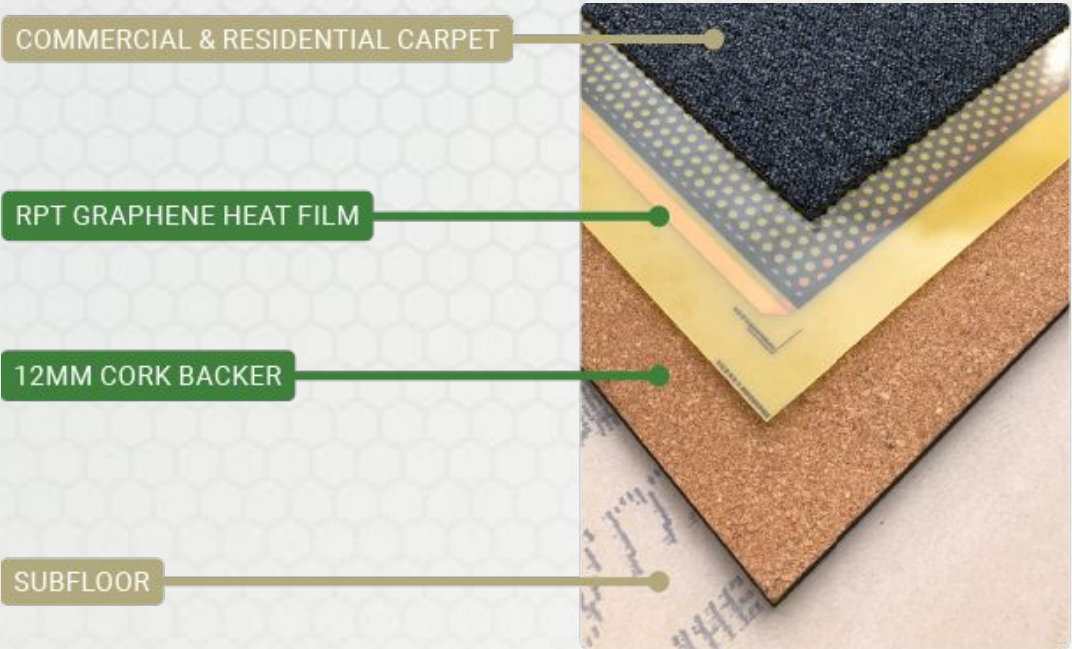


Dimensions and Specs:

		Millimeters		Inches		Backer Height	Total Watts	Total Amps
		Width	Length	Width	Length			
P2P	IHPT-606-120-200-C6-T2	600mm	600mm	23.62in	23.62in	6 or 8mm	72W	0.6A
P2P	IHPT-609-120-200-CK6-T2	600mm	900mm	23.62in	35.43in	6 or 8mm	108W	0.9A
P2P	IHPT-6012-120-200-CK6-T2	600mm	1200mm	23.62in	47.24in	6 or 8mm	144W	1.2A

Insulated Graphene Heat Panels for Carpet

RPT panels incorporate all GREEN highlighted components into 1 compressed easy to install panel.

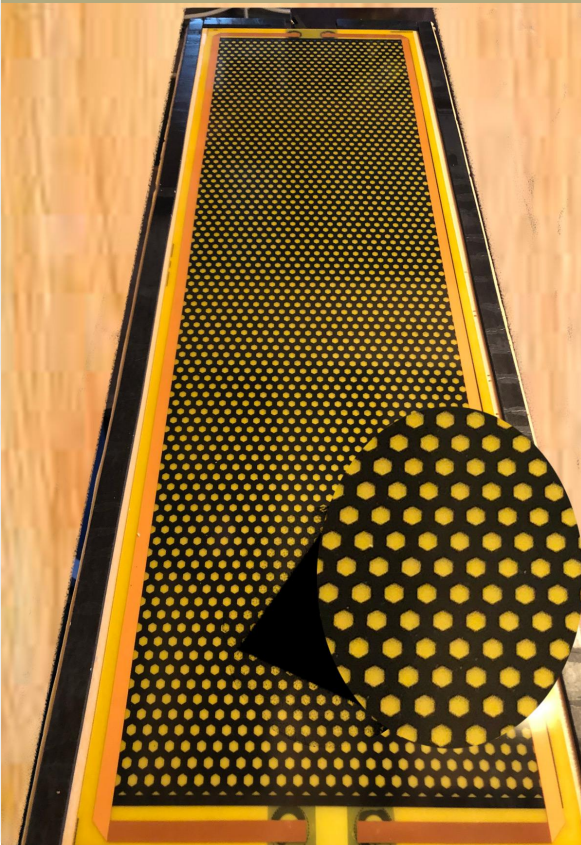


Dimensions and Specs:

		Millimeters		Inches		Backer Height	Total Watts	Total Amps
		Width	Length	Width	Length			
P2P	IHPT-606-120-200-C6-T2	600mm	600mm	23.62in	23.62in	12mm	72W	0.6A
P2P	IHPT-609-120-200-CK6-T2	600mm	900mm	23.62in	35.43in	12mm	108W	0.9A
P2P	IHPT-6012-120-200-CK6-T2	600mm	1200mm	23.62in	47.24in	12mm	144W	1.2A

Insulated Graphene Heat Panels for Under Subfloor Applications

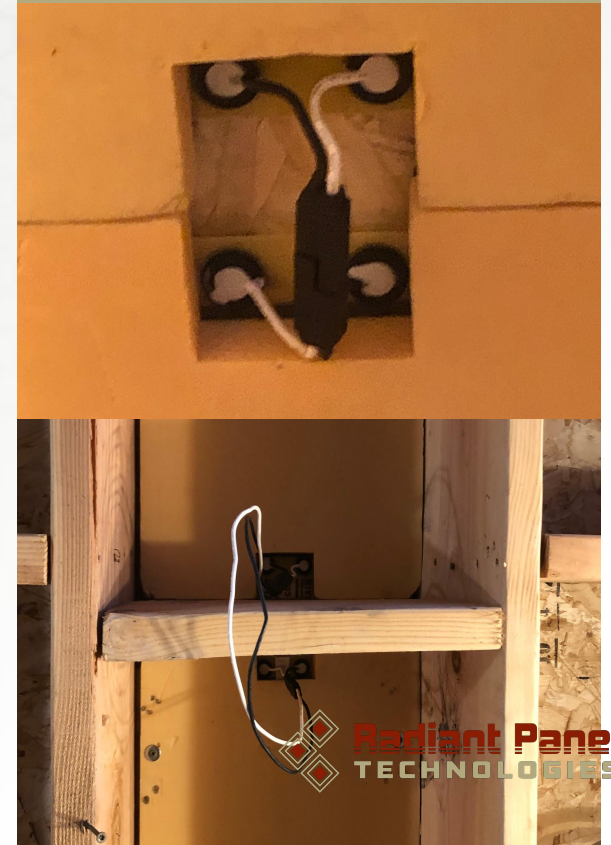
Insulated Graphene Nanotechnology



Peel and Stick Application
Fits between floor joists



Plug and play panel to
panel/panel to power
connections



RPT Energy Efficient Heat Mats

Anti-Fatigue / Under Desk / Personal Heat Mats



Premium Finish					
	Length	Width	Volts	Watts	Amps
TPRO DM 2232-CER	22"	32"	120	52	0.4
TPRO DM 2244-CER	22"	48"	120	87	0.7
TPRO DM 3432-CER	34"	32"	120	72	0.6
Base Finish (Diamond Plate)					
	Length	Width	Volts	Watts	Amps
TPRO DM 2232-DP	22"	32"	120	52	0.4
TPRO DM 2244-DP	22"	48"	120	87	0.7
TPRO DM 3432-DP	34"	32"	120	72	0.6

Table Mats / Outdoor Environment Heat Mats



TPRO HEAT MAT 5555-CER/HEAT MAT 5555-DP	
Dimensions	55" x 55" x 8mm Thick
Heat Source	(2) FLM 6012-120-200
Total Output watts	288
Total Amps	2.4
Approx Weight lbs	44 Pounds
Surfaces	
Premium Finish	
Base Finish (Diamond Plate)	
No installation required set it and plug it in.	
Completely mobile.	
GFCI power to Mat.	
300 watt remote control rheostat available.	
Compare to 900.00 outdoor propane heater	

RPT Heat Mats

Personal/Under Desk

Healthier, safer and 80% more energy efficient than space heaters!



- Nearly Indestructible.
- Incredibly Fast and Simple.
- Each Mat QC Tested
- 3 Year Warranty!



Plugs directly into any 110-volt 3 prong outlet! No additional wiring required!

RPT Heat Mats

Personal/Under Desk

Calculator Link:
<https://drive.google.com/file/d/1NdPn93HkAq-tTHajClcgl26LFFJNhucb/view?usp=sharing>

Energy Savings Calculator compared to 1500 watt space heaters

TPRO DESKMATE 2232 VS SPACE HEATER

Enter number of heating units	100
Enter personal heater wattage Per Unit	1,500
ELECTRIC RATE	
Enter your electric rate @kwh.	\$0.09
USAGE	
Enter peak demand hours/day	8.00
Total Daily Hours of Usage	8.00
Days per Year Usage	200.00
ENERGY COST	
Hourly	\$13.50
Daily	\$108.00
Monthly	\$3,240.00
Per YEAR	\$21,600.00

TPRO 2232 PRODUCT COAST	
Heater Units	100
Heater cost each.	\$149.00
Total Heater Cost	\$14,900.00
TPRO ENERGY COST	
TPro Office 22x34 Wattage output.	52
Energy cost per hour	\$0.47
Energy cost per day	\$3.74
Energy cost per month	\$112.32
Energy cost per year	\$748.80
TPRO ENERGY SAVINGS	
Daily Energy Savings	\$104.26
Monthly Energy Savings	\$3,127.68
Annual/Season Energy Savings	\$20,851.20

TPRO RETURN ON INVESTMENT	
Unit Warranty 5 Years (Hrs)	
Year 1 Savings less unit cost.	\$5,951.20
Year 2 Savings	\$20,851.20
Year 3 Savings	\$20,851.20
Year 4 Savings	\$20,851.20
Year 5 Savings	\$20,851.20
Total Savings Over 5 Years	\$89,356.00

Note: The savings above do not account for savings in lowering the ambient temperature. Savings of 3% per degree may be realized in addition to the energy savings.



RPT Heat Mats

Outdoor Environment/Dining

Healthier, safer and 90% more energy efficient than propane heaters!



- Directly heats customers
- Average energy use is pennies Per Hour!
- Nearly Indestructible.
- Incredibly Fast and Simple.
- Each Mat QC Tested
- 3 Year Warranty!
- Premium finish can be custom printed

Current propane heaters burn a tank of fuel every 6-8 hours. At \$25 per tank, that can really add up! Plus, unless people are right up close, they really won't feel the heat.

RPT under table mats directly heat people and are remarkably efficient @ \$.04 per hour on average. Realize a return on your investment in less than one year! Let us show you how.

Controls



Rheostat control
(<1kwatts)



Direct to
outlet/remote



Hardwired to
programmable
thermostat



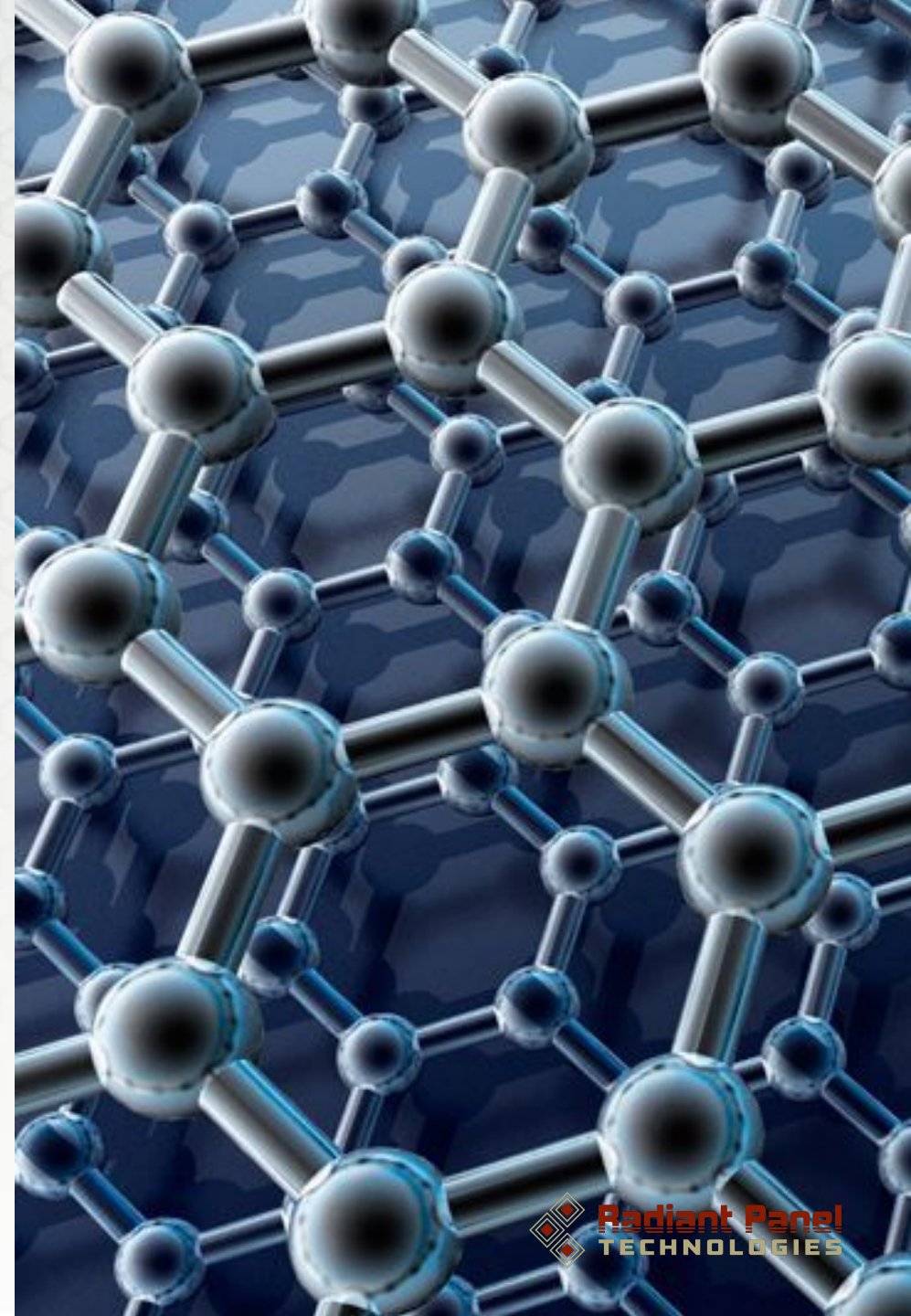
Hardwired to smart
thermostat

Other Information



What is Graphene?

- Graphene is a flat honeycomb lattice made of a single layer of carbon atoms
- Graphene now holds the record for conducting heat — it's better than any other known material.
- Graphene is the strongest material in the world according to new experiments done by researchers at Columbia University in the US.



How Well Does Graphene Transfer Heat?



www.youtube.com/watch?v=R5dwdZCKBZM

Contact

RPT

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