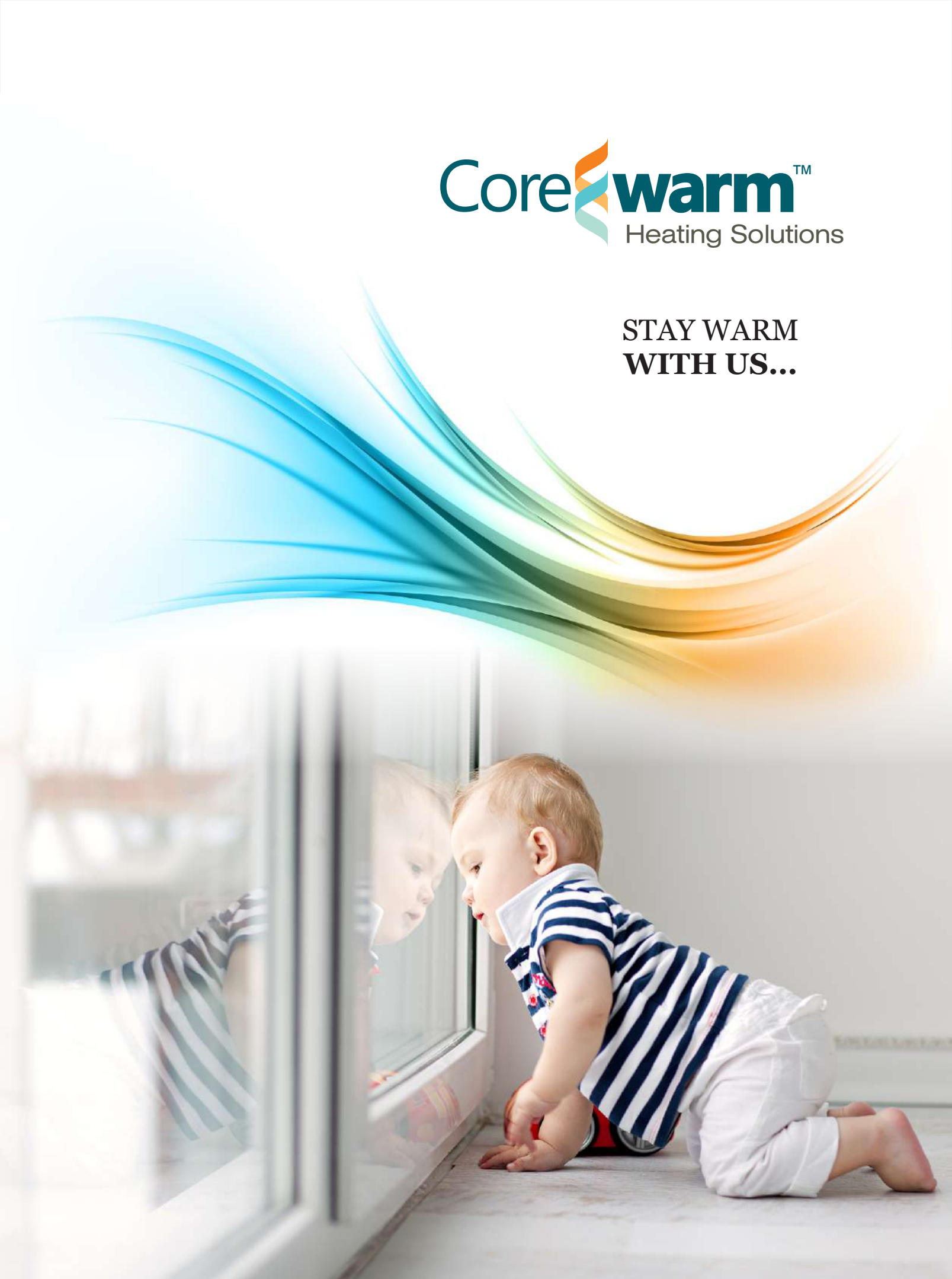




**STAY WARM
WITH US...**



About company

Connecting to a safer world

Welcome to the world of Geekore cable where quality and service are cornerstones of the organization. Geekore is one of the leading ISO 9001:2008 accredited organization engaged in the field of designing/ manufacturing various types of precision wires and cables.

Geekore has established itself in a wide range of industries that include MNC's, PSU's, Overseas clients. Corewarm for heating solutions is an off shoot from Geekore which has core strength of long experience in the cable industry.

Milestones

2001

Added mfg.
Teflon wires.

2011

Added fluoropolymer
wire extrusion plant to
meet overseas
demand.

2017

Present turnover is
6 million USD.

1994

Laid foundation,
started mfg.
winding wires for
submersible
pump motors.

2008

Started mfg at
plant-II PVC, XLPE
and complete
range of cables.

2012

Added heating mats
and cables for
indoor and
outdoor heating.

A note from (M.D)

Total quality monitoring systems are adopted to ensure consistent, reliable and quality products through the optimum use of company's resources. Our principal asset is our people; highly motivated and trained professionals.



With diminishing natural resources and global warming, it is necessary to preserve our planet by adopting energy efficient technologies and judicious use of these scarce resources. The increase in energy use and conventional technologies may no longer be enough to ensure energy availability for a long time. Therefore it is our duty to optimize the use of conventional energy sources by using the modern efficient methods. Corewarm brings you the concept of comfort heating in indoor and outdoor applications for healthy living through its multi-range heating systems.



Single core heating mat (FHM-SIN)

FHM-SIN is a single core heating mat with a full protection screen, where heating cable is laid on fiber mesh with width 50cm - area upto 12m², cold lead connection 2x4m.

The primary insulation of heating element is either fluoropolymer/XLPE/TPE and sheathing with HRPVC/TPE/Polyolefin (ZHFR)/Fluoropolymer. Thermal Conductor is a combination of multi-strand resistance alloy wires.

Features and Application

- Easy and effective regulation of heat
- Energy saving system
- Easy and low installation cost
- Available in wide range of power outputs
- Can be used under tile, marble or parquet

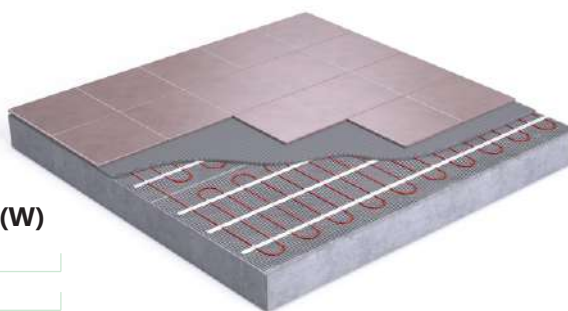
Technical Details

- **Available Power :** 100,150W/m²
- **Rated Voltage:** 230V, 50Hz
- **Maximum Operation Temperature:** 90°C
- **Minimum Installation Temperature:** -10°C
- **Substrate Width:** 0.5m
- **Cable Diameter:** 2.80-3.50mm

Product Range Model: FHM-SIN

Single core heating mat 100W/m²

| Product Code | Area (m ²) | Length (m) | Wattage (W) |
|--------------|------------------------|------------|-------------|
| 9110005001 | 1.0 | 2.0 | 100 |
| 9110005015 | 1.5 | 3.0 | 150 |
| 9110005002 | 2.0 | 4.0 | 200 |
| 9110005003 | 3.0 | 6.0 | 300 |
| 9110005004 | 4.0 | 8.0 | 400 |
| 9110005005 | 5.0 | 10.0 | 500 |
| 9110005006 | 6.0 | 12.0 | 600 |
| 9110005007 | 7.0 | 14.0 | 700 |
| 9110005008 | 8.0 | 16.0 | 800 |
| 9110005009 | 9.0 | 18.0 | 900 |
| 9110005010 | 10.0 | 20.0 | 1000 |
| 9110005011 | 11.0 | 22.0 | 1100 |
| 9110005012 | 12.0 | 24.0 | 1200 |



Dual core heating mat (FHM-TWIN)

FHM-TWIN is a twin/dual core heating mat with a full protection screen where heating cable is laid on a fiber mesh, with width 50cm, cold lead connection 1x3m. The primary insulation of heating elements is either fluoropolymer/XLPE/TPE and sheathing of HRPVC/TPE/Polyolefin (ZHFR) /Flouropolymer. Thermal conductor is a combination of multi-strand resistance alloy wires.

Features and Application

- Easy and effective regulation of heat
- Energy saving system
- Easy and low installation cost
- Available in wide range of power outputs
- Can be used under tile, marble or parquet

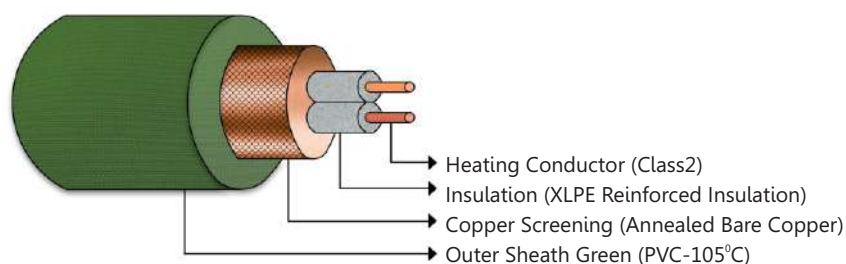
Technical Details

- **Available Power :** 80,100,120,160,200W/m²
- **Rated Voltage:** 230V, 50 Hz
- **Maximum Operation Temperature:** 90°C
- **Minimum Installation Temperature:** -10°C
- **Substrate Width:** 0.5m
- **Cable Diameter:** 3.50 -5.0mm

Product Range Model: FHM-TWIN

Dual core heating mat 160W/m²

| Product Code | Area (m ²) | Length (m) | Wattage (W) |
|--------------|------------------------|------------|-------------|
| 9116011001 | 1.0 | 2.0 | 160 |
| 9116011015 | 1.5 | 3.0 | 240 |
| 9116011002 | 2.0 | 4.0 | 320 |
| 9116011025 | 2.5 | 5.0 | 400 |
| 9116011003 | 3.0 | 6.0 | 480 |
| 9116011035 | 3.5 | 7.0 | 560 |
| 9116011004 | 4.0 | 8.0 | 640 |
| 9116011045 | 4.5 | 9.0 | 720 |
| 9116011005 | 5.0 | 10.0 | 800 |
| 9116011006 | 6.0 | 12.0 | 960 |
| 9116011007 | 7.0 | 14.0 | 1120 |
| 9116011008 | 8.0 | 16.0 | 1280 |
| 9116011009 | 9.0 | 18.0 | 1440 |
| 9116011010 | 10.0 | 20.0 | 1600 |
| 9116011011 | 11.0 | 22.0 | 1760 |
| 9116011012 | 12.0 | 24.0 | 1920 |



Heating Cable with Sticky Mat (FHM-SM)

FHM-SM is a dual core sticky heating Mat with full earth-screen protection. The heating cable is laid on a fibermesh where the other side of the mesh is adhesive.

Features and Application

- The sticky mat can be applied to the walls with same ease as it can be to the floors.
- It is the only solution for wall heating where floor is limited. The bathrooms are very good application for sticky mats.
- The pressure sensitive self adhesive property of mat holds it to the wall making the tiling work easier.
- Installation time is greatly reduced.
- Grounding braid makes it safe for wet areas.

Technical Details

- **Output Rating:** 150W/m², 200 W/m²
- **Operating Voltage:** 230V, 50 Hz
- **Mat Thickness:** 3mm
- **Width:** 500mm (0.5 Meter)
- **Cold lead connection:** 3 Meter long
- **Cable Diameter:** Upto 2.50mm

Product Range Model: FHM-SM

Sticky Mat 150W/m²

| Product Code | Area (m ²) | Length (m) | Wattage (W) |
|--------------|------------------------|------------|-------------|
| 9115005001 | 1.0 | 2.0 | 150 |
| 9115005015 | 1.5 | 3.0 | 225 |
| 9115005002 | 2.0 | 4.0 | 300 |
| 9115005025 | 2.5 | 5.0 | 375 |
| 9115005003 | 3.0 | 6.0 | 450 |
| 9115005035 | 3.5 | 7.0 | 525 |
| 9115005004 | 4.0 | 8.0 | 600 |
| 9115005045 | 4.5 | 9.0 | 675 |
| 9115005005 | 5.0 | 10.0 | 750 |
| 9115005006 | 6.0 | 12.0 | 900 |
| 9115005007 | 7.0 | 14.0 | 1050 |
| 9115005008 | 8.0 | 16.0 | 1200 |
| 9115005009 | 9.0 | 18.0 | 1350 |
| 9115005010 | 10.0 | 20.0 | 1500 |



Dual core Aluminum Foil Mat (FHM-AL)

FHM-AL heating mat is an electric underfloor radiant heating system made of double core thin wire sandwiched between two aluminium foils. It is laid on top of the insulating underlay and top floor.

Features and Application

- The aluminium foil provides continuous earth and diffused heat continuously and uniformly without raising the floor level.
- It provides exceptionally good electrical safety.
- It is easy to install and saves electrical energy.
- It is designed for use with carpet, laminate, parquet, or engineered wood.
- In this case the flooring should not be thicker than 18mm.

Technical Details

- **Available Power:** 150,200W/m²
- **Rated Voltage:** 230V, 50Hz
- **Maximum Operation Temperature:** 90°C
- **Minimum Installation Temperature:** -20°C
- **Mat Width:** 0.5m
- **Mat thickness:** 1.30 – 1.60mm
- **Cold leadconnection:** 1x4mtr

Product Range Model: FHM-AL

Dual Core Aluminium Foil 150W/m²

| Product Code | Area (m ²) | Length (m) | Wattage (W) |
|--------------|------------------------|------------|-------------|
| 9115005001 | 1.0 | 2.0 | 150 |
| 9115005015 | 1.5 | 3.0 | 225 |
| 9115005002 | 2.0 | 4.0 | 300 |
| 9115005025 | 2.5 | 5.0 | 375 |
| 9115005003 | 3.0 | 6.0 | 450 |
| 9115005035 | 3.5 | 7.0 | 525 |
| 9115005004 | 4.0 | 8.0 | 600 |
| 9115005045 | 4.5 | 9.0 | 675 |
| 9115005005 | 5.0 | 10.0 | 750 |
| 9115005006 | 6.0 | 12.0 | 900 |
| 9115005007 | 7.0 | 14.0 | 1050 |
| 9115005008 | 8.0 | 16.0 | 1200 |
| 9115005009 | 9.0 | 18.0 | 1350 |
| 9115005010 | 10.0 | 20.0 | 1500 |



Mirror Demisters (FF-MD)

In winters all mirrors in the bathroom steam up. Here mirror demister is an ideal solution which prevents wiping the mirror everyday, keeping the mirror fog free. The mirror demister consists of single core heating element laid perfectly inside the aluminium foil.

Features and Application

- It has high electrical safety and easy to install
- It is in the form of thin film and does not occupy any space.
- The heat distribution is uniform keeping the mirror perfectly clean.
- Suitable for high humidity areas
- No thermostat required.

Technical Details

- **Max load:** 200W/m²
- **Operating Voltage:** 230V, 50 Hz
- **Operating Temperature:** 40°C
- **Connection lead:** 1m
- **Protection class:** Ip44

Product Range Model: FF-MD

| Product Code | Size (Cm) | Wattage (W) |
|--------------|-------------|-------------|
| FF-MD1 | 30x30 | 18 |
| FF-MD2 | 45x50 | 45 |
| FF-MD3 | 50 circular | 50 |
| FF-MD4 | 50x70 | 70 |



Tower Rail Heater (TRH)

When it comes to luxury the towel rail heater is an ideal and elegant solution for bathrooms. It not only provides comfort but also heats up the area.

Features and Application

- Modern and everlasting designs
- Even distribution of heat
- Installation easy in every bathroom
- Concealed wiring
- Range of designs and sizes

Technical Details

- **Output Wattage:** 500-1000W
- **Rated Voltage:** 230V, 50Hz
- **Cold lead connection:** 1.5m
- **IP Protection:** IP34

Product Range

| Product Code | Power (W) | Dimensions |
|--------------|-----------|------------|
| TRH500 | 500 | - |
| TRH750 | 750 | - |
| TRH1000 | 1000 | - |



Foot Warmer

The foot warmer is an electrically heated carpet for indoor, designed for use in houses, apartments, offices and working areas.

A specially designed element is stitched onto a thin fibre glass mesh which is encased between two carpets thermostatically controlled.

Features and Application

- Fast and uniform heating.
- Mobile solution for homes, office areas and other working areas.
- Small dimension makes it easier to use at entrances for drying and keeping the shoes clean which become damp or wet due to rain or snow.
- Foot warming provides comfortable heat in foot area and supports the well being.
- It consumes very low energy.

Technical Details

- **Rated Voltage:** 230V; 50 Hz
- **Operation Temperature:** 30-40°C
- **Temperature limiter:** yes
- **Cold lead connection:** 2.0m with built in ON/Off switch
- **Protection level:** Ip67

Product Range Model: FWHC

| Product Code | Size (Cm) | Wattage (W) |
|--------------|-----------|-------------|
| FWHC-1 | 30x60 | 25 |
| FWHC-2 | 40x60 | 75 |
| FWHC-3 | 50x70 | 100 |
| FWHC-4 | 60x90 | 150 |



Precaution

1. It is prohibited to bend the carpet to avoid damages to heater and joints inside.
2. Keep carpet in switch off mode while cleaning/removing dirt with a brush.

Helix/Spiral Heating Wires

It is a low wattage high resistance heating wire. In this the Nichrome/copper alloy/SS wire is helically wound on the fiberglass yarn which is further jacketed with silicone/Teflon/TPE

Features and Application

- The heating cable designing can be with double or single helical conductor depending on the wattage required.
- It is suitable where low wattages are required
- It is used in Electric blankets, heat pad, heating jacket, towel rail and green house.

Technical Details

- **Available Power:** 3W-20W
- **Voltage:** 5V/12V/24V/36V/48V/60V/72V/110V/220V
- **Resistance:** 1.25-2500 Ω /m
- **Cable Diameter:** 1.10mm-4.0mm



Corewarm Loose Wire Heating

The loose wire heating is a concept suitable for installation within small or irregular shaped areas. The loose heating wire is installed directly beneath the final floor (it can be tile/marble/parquet). The variable spacing of the cable available during the installation allows the installer to customize the requirements and lay easily around the fixtures and follow the outline pattern according to the setup within a room.

Dual Core Heating Cable

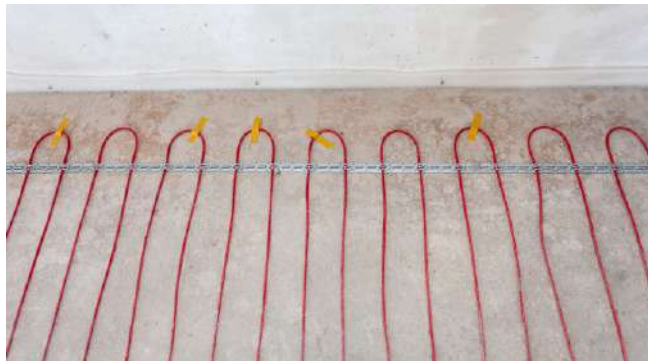
Technical Details

- **Linear Wattage Density:** 10W/m -18W/m
- **Rated Voltage:** 230V, 50Hz
- **Maximum operation Temperature:** 90°C
- **Conductor:** Twin core, Class-2 resistance alloy
- **Core Insulation:** Advance Fluoro polymer/XLPE
- **Earth Shield:** Copper shielding
- **Outer Sheath:** HRPVC/XLPO/TPE
- **Cold lead connection:** Type-Y attachment (Upto 4 m)-3 Core
- **Cable diameter:** 2.30mm to 5.25mm depending upon the insulating materials and customer requirements

Product Range Model: DCW

Wattage output rating:160W/m²

| Product code | Area (m ²) | Wattage (W) |
|--------------|------------------------|-------------|
| DCW320 | 1.5-2.4 | 320 |
| DCW480 | 2.5-3.4 | 480 |
| DCW640 | 3.5-4.4 | 640 |
| DCW800 | 4.5-5.4 | 800 |
| DCW960 | 5.5 -6.4 | 960 |
| DCW1120 | 6.5-7.4 | 1120 |
| DCW1280 | 7.5-8.4 | 1280 |
| DCW1440 | 8.5-9.4 | 1440 |
| DCW1600 | 9.5-10.4 | 1600 |
| DCW1760 | 10.4-12.0 | 1760 |



Single Core Heating Cable

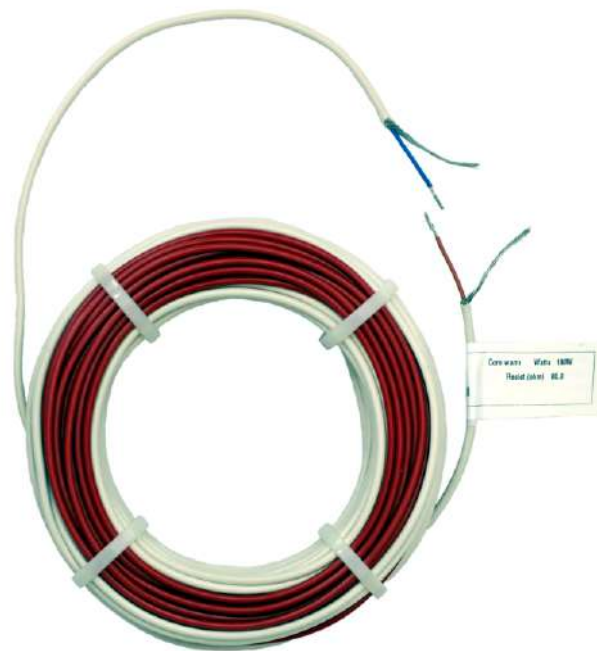
Technical Details

- **Linear Wattage Density:** 10W/m - 15W/m
- **Rated Voltage:** 230V, 50Hz
- **Maximum Operation Temperature:** 90°C
- **Conductor:** Single core, Class-2 resistance alloy
- **Core Insulation:** Advance Fluoropolymer/XLPE
- **Earth Shield:** Copper shielding
- **Outer Sheath:** HRPVC/XLPO/TPE
- **Cold lead connection:** Type- Y attachment (Upto 4m)-2 core cable on each side
- **Cable diameter:** upto 3.25mm depending upon the insulating materials and customer requirements

Product Range Model: SCW

Average output rating: 200W/m²

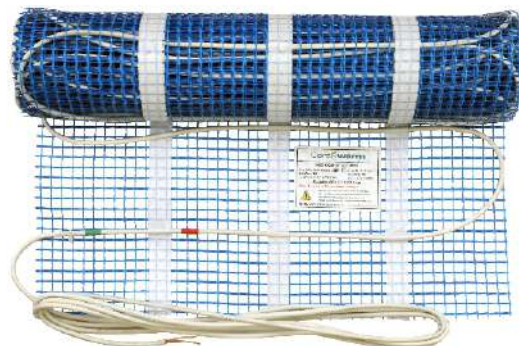
| Product code | Area (m ²) | Wattage (W) |
|--------------|------------------------|-------------|
| SCW400 | 1.5-2.4 | 400 |
| SCW600 | 2.5-3.4 | 600 |
| SCW800 | 3.5-4.4 | 800 |
| SCW1000 | 4.5-5.4 | 1000 |
| SCW1200 | 5.5-6.4 | 1200 |
| SCW1400 | 6.5-7.4 | 1400 |
| SCW1600 | 7.5-8.4 | 1600 |
| SCW1800 | 8.5-9.4 | 1800 |
| SCW2000 | 9.5-10.4 | 2000 |
| SCW2200 | 10.4-12.0 | 2200 |



CoreWarm UniCab heating mat/heating cables

Invisible junction/connection

The double core/single core heating cables are available in invisible hot and cold junction which can be supplied on order.



Ultra Thin Heating Cable

Technical Details

- **Linear Wattage Density:** 10W/m - 18W/m
- **Rated Voltage:** 230V, 50Hz
- **Maximum Operation Temperature:** 120°C
- **Conductor:** Single core, Class-2 resistance alloy
- **Core Insulation:** Advance fluoropolymer
- **Earth Shield:** Tin plated copper lapping
- **Outer Sheath:** Advance fluoropolymer
- **Cold lead connection:** Single core - 2m each side
- **Cable diameter:** 1.30mm - 1.80mm



Product Range Model: UTH

Linear Wattage: 10W/m

| Product code | Wattage (W) | Linear Wattage (W/m) |
|--------------|-------------|----------------------|
| UTH115 | 115 | 10 |
| UTH170 | 170 | 10 |
| UTH225 | 225 | 10 |
| UTH290 | 290 | 10 |
| UTH350 | 350 | 10 |
| UTH400 | 400 | 10 |
| UTH480 | 480 | 10 |
| UTH560 | 560 | 10 |
| UTH700 | 700 | 10 |
| UTH820 | 820 | 10 |
| UTH1040 | 1040 | 10 |
| UTH1140 | 1140 | 10 |
| UTH1250 | 1250 | 10 |
| UTH1450 | 1450 | 10 |
| UTH1700 | 1700 | 10 |
| UTH2000 | 2000 | 10 |
| UTH2400 | 2400 | 10 |
| UTH3000 | 3000 | 10 |

Freeze Protection/Pipe trace cables.

These heating cables are assembled ready to plug in, flexible and efficient with a consumption of 15W per linear meter as per requirement of IEC 60800.

These cables are designed for domestic and commercial applications to protect water from freezing. For better results heating cable is flat shaped to have maximum contact with the object to be heated. Depending upon the usage there are 3 categories.

Category 1 (FPT)

Used in pipe trace heating.

Prevent water pipes from freezing.

The in-built thermostat/temperature limiter will operate to switch ON at 5°C and switch OFF at 15°C

Operates at 230V AC.

Category 2 (FP)

Can be used directly in greenhouse and on pipes.

Operates at 230V AC.

Category 3 (FPLV)

Finds use in boat building.

Operates at 12V AC/DC.



Product Range

| Description | category 1 and 2 | Category 3 |
|---------------------|---------------------------|-------------------|
| Voltage | 230V ac;50 Hz | 12 AC/DC |
| Heat Output | 15W/mtr to 25W/mtr | 10W-15W/mtr |
| Connection Lead | 1x1.5mtr with safety plug | 2x1.5mtr |
| Protection category | IPx7,UV resistant | IPx7,UV resistant |



Corewarm Outdoor Heating

During the winters, snow and ice can be very risky leading to fatal accidents. Our system minimizes the chance of accidents by keeping the roads and surfaces free of snow and ice at all times. This is an eco-friendly way because de-icing agents can cause risk to the environment or buildings.

Snow melting/ De-icing cables /Mats

Depending upon the areas of application there exists two versions.

1. For concrete pavements, driveways, exterior stairs, gutters, downspouts, roofs, terraces, road surfaces.

Version: SMCC/SMMC

2. For asphalt pavements or road surfaces.

Version: SMCA/SMMA for temperatures upto 240°C for a short duration and safely above 150°C at which the asphalt is laid.

Technical Details

- **Linear Wattage Density:** 30W/m (standard), 40W/m (on request)
- **Rated Voltage:** 230V, 50Hz
- **Nominal Limit Temperature:** 80°C-**Installation Temperature:** -20°C
- **Conductor:** Twin core/Single core, Class-2 resistance alloy
- **Core Insulation:** Advance fluoropolymer or TPE
- **Earth Shield:** Copper shielding
- **Outer Sheath:** For type SMCC:XLPE while for SMCA: high temperature TPE
- **Cold lead connection:** Type- Y attachment (Upto 5 mtr) both side or one side depending upon single or twin configuration.
- **Cable diameter:** SMCC:6.5mm-7.5mm; SMCA:5mm-6mm
- **Protection category:** IPx7; UV resistant



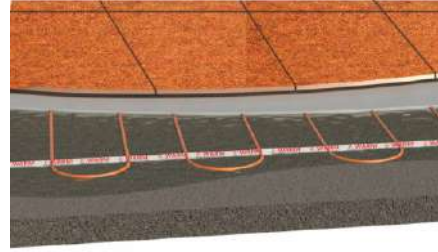


Rating

Approx. 30W/mtr at 230v;
Single/Twin Conductor cable
Style: SMCC/SMCA

While ordering - Note:

- I) Please mention de-icing cables as SMCC or SMCA
- II) Linear wattage W/mtr
- III) Heating conductor twin or single

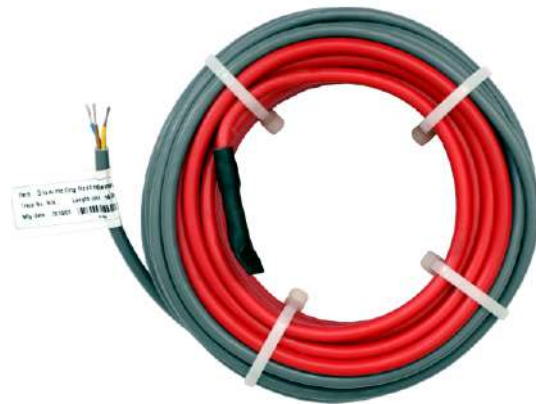


Product Range

| Product code | Length(m) | Wattage(W) |
|---------------|-----------|------------|
| SMCA-30W/850 | 29 | 850 |
| SMCA-30W/1100 | 38 | 1100 |
| SMCA-30W/1400 | 47 | 1400 |
| SMCA-30W/1700 | 57 | 1700 |
| SMCA-30W/2000 | 67 | 2000 |
| SMCA-30W/2250 | 75 | 2250 |
| SMCA-30W/2500 | 84 | 2500 |
| SMCA-30W/2800 | 94 | 2800 |
| SMCA-30W/3350 | 112 | 3350 |
| SMCA-30W/4000 | 134 | 4000 |
| SMCA-30W/4500 | 150 | 4500 |
| SMCA-30W/5000 | 168 | 5000 |

Product Range

| Product code | Mat Area(m2) [WxL] | Wattage(W) |
|----------------|-----------------------|------------|
| SMMA-300W/850 | 0.4x6.0=2.4 | 850 |
| SMMA-300W/1100 | 0.4x8.0=3.2 | 1100 |
| SMMA-300W/1400 | 0.4x10=4.0 | 1400 |
| SMMA-300W/1700 | 0.4x12=4.8 | 1700 |
| SMMA-300W/2000 | 0.4x14=5.6 | 2000 |
| SMMA-300W/2250 | 0.4x16=6.4 | 2250 |
| SMMA-300W/2500 | 0.4x18=7.2 | 2500 |
| SMMA-300W/2800 | 0.4x20=8.0 | 2800 |
| SMMA-300W/3100 | 0.4x22=8.8 | 3100 |
| SMMA-300W/3350 | 0.4x24=9.6 | 3350 |



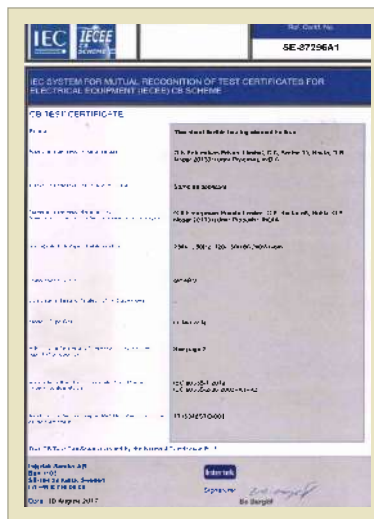
Rating

Approx 300W/sqmtr at 230v;
Single/Twin Conductor mat
Style: SMMC/SMMA

While ordering - Note:

- I) Please mention for snow melting mat as SMMC or SMMA.
- II) Wattage density W/sqmtr.
- III) Heating conductor twin or single.

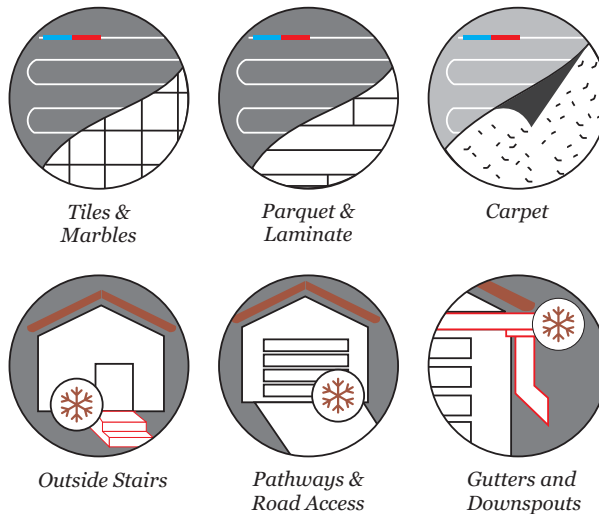
Certification



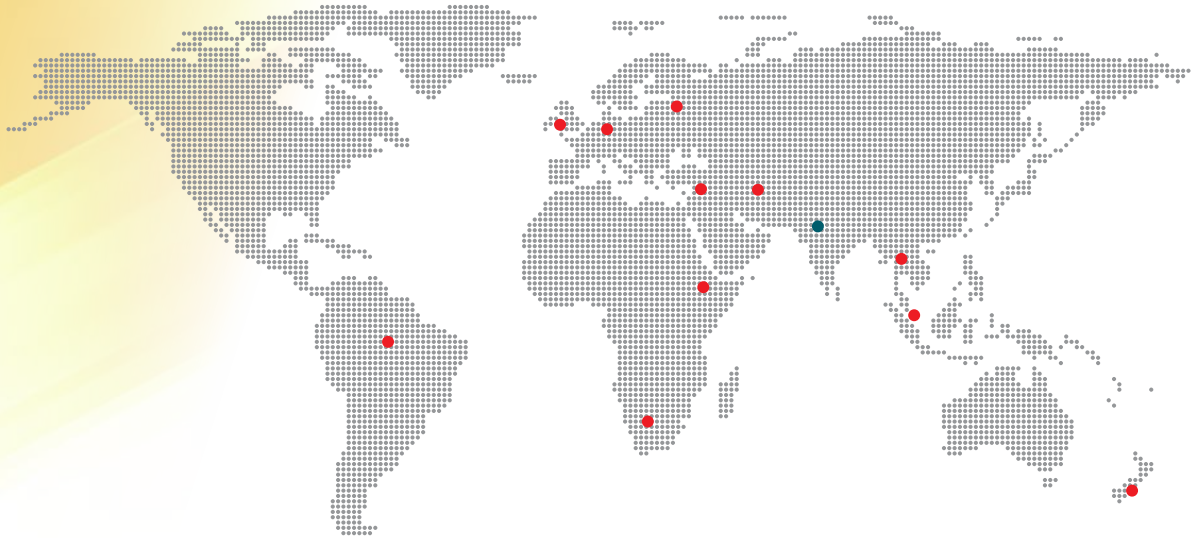
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WARMING INDOOR TO OUTDOOR



Countries of export



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