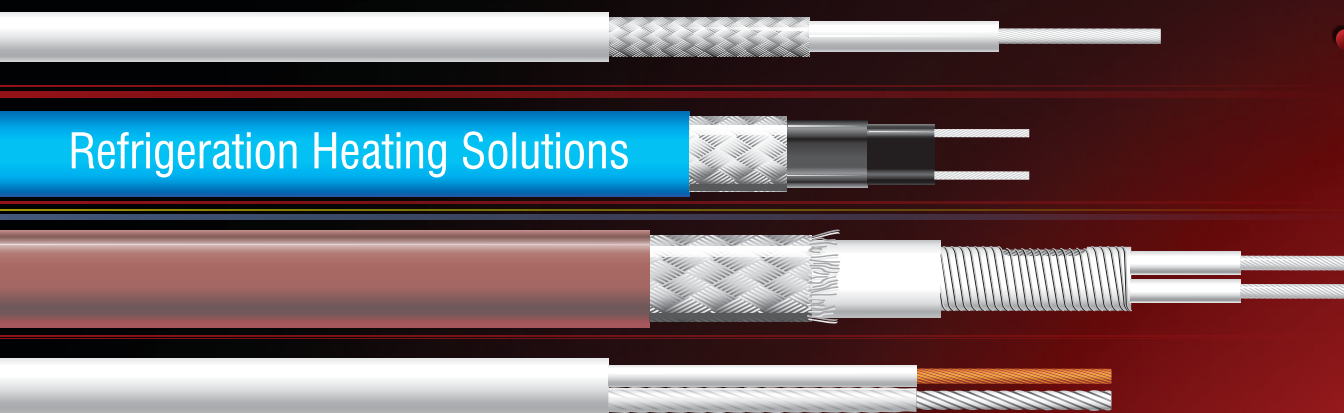
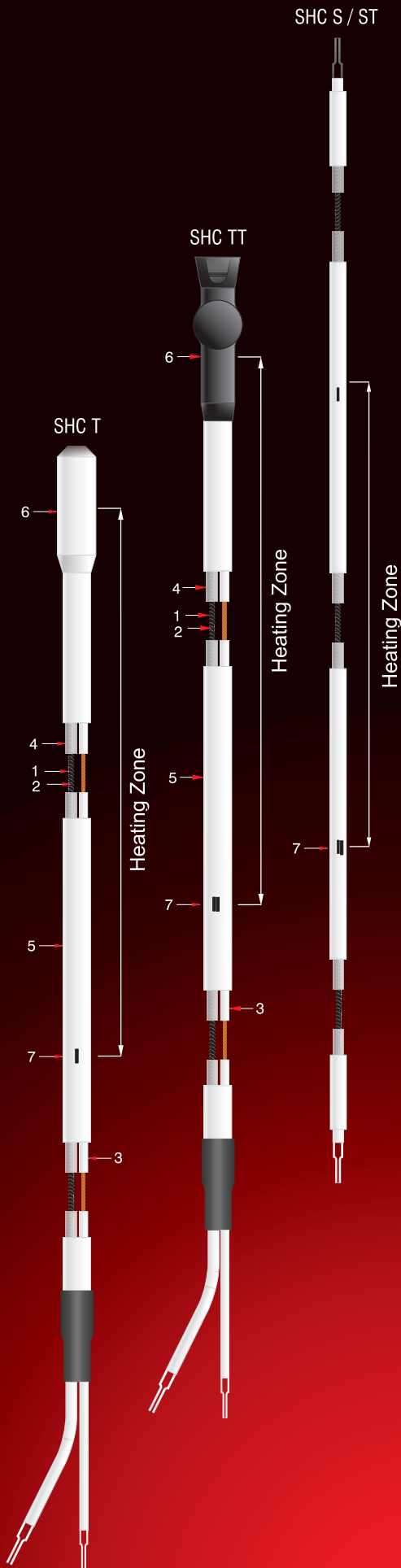




Thermopads

Refrigeration Heating Solutions





Drain Pipe Heater SHC T / SHC TT

For Refrigeration & Cold Storages

Drain Pipe Heaters are apt to be laid inside pipes for draining water from refrigeration equipments, bottom of collector trays to prevent freezing and allow condensate water to flow freely in cold rooms.

Construction SHC T / SHC TT

1. High Temperature Core
2. Heating Wire
3. Cold Conductor Silicon Insulated Cable
4. Silicon Rubber Insulation
5. Outer Silicon Rubber Insulation
6. Termination Without Thermostat SHC T / with Thermostat SHC T-T
7. In-built Hot / Cold connection

Features

Flexible: They are extremely flexible

Safety: Double insulated, fully sealed and thermostat (optional) ensures total protection and safety.

The limit between Heat Zone and Cold Zone is colour marked.

Standard & Compliance: EN 60335.

Technical Specifications

Temperature Range	: -50 Deg.C to 180 Deg.C
Heating Wire	: Nickel- Chrome
Heating Element Insulation	: Silicon Rubber
Cold Zone	: 1 M
Operating voltage	: 230 V
Wattage	: Up to 50 W/M

Range

Length (M)	1	2	3	4	5	6
Wattage (W)	40	80	120	160	200	240
Wattage (W)	50	100	150	200	250	300

Door Heating Cable SHC S / SHC ST

For Refrigeration & Cold Storages

Door heating cables are widely used for cold room door frame heating & defrost application.

Construction SHC S / SHC ST

Heating Wire is coiled over fibre glass core, insulated with Silicon rubber/PTFE 1 M long cold lead on both the ends.

Features

Flexible: They are extremely flexible

Safety: For total protection Thermostat is provided in SHC ST model. Optional braiding/silicon outer jacket available.

Technical Specifications

Temperature Range	: -50 Deg.C to 180 Deg.C
Heating Wire	: Nickel- Chrome
Heating Element Insulation	: Silicon Rubber
Cold Zone	: 1 Mtr on Each side
Operating voltage	: 230 V
Wattage	: Upto 30 W/M

Range

Length (M)	1	2	3	4	5	6
Wattage (W)	30	60	90	120	150	180

DOOR HEATING CABLE (SHC-CTL)

For Refrigeration & Cold Storages

Door heating cables are used widely for cold room frame heating, drain pipes & defrost heating.

Construction SHC CTL.

Cut to length constant wattage power output cables are manufactured by winding the heating wires to the phase & neutral bus bars on which silicon rubber is extruded.

Features

Can be cut to length at site.

Cold tail incorporated. No extra connection required.

Standard & Compliance : EN 60335 & 2006/95/EC directive.

Technical Specifications

Temperature Range	: -50 Deg.C to 180 Deg.C
Heating Wire	: Nickel – Chrome.
Heating Element Insulation	: Silicon Cable.
Zone Length	: 500 MM.
Output Voltage	: 230 V
Wattage Range	: 30 W/M.



Aluminum Foil Defrost Heaters

For Refrigeration & Cold Storages

Aluminium Foil Defrost Heaters are apt for Defrosting of Evaporators & Trays in refrigeration, Trays in condensers, Preheating of Battery Warmers, Cabinets, Laboratory & Medical Equipments.

Construction

PVC/ Fluoropolymer/Silicon Insulated Heating elements thermal welded to Vinyl coated side of an Aluminium foil or sandwiched between 2 layers of Aluminium foil.

Features

Flexible	: Aluminum foil backed by an adhesive coating ensures perfect surface contact.
Uniform Heating	: Close and even spacing of heating elements ensures uniform heating.
Custom Design	: Sizes and heat loads can be designed to Individual requirements.

Technical Specifications

Temperature Range	: -20 Deg.C to 50 Deg.C
Heating element Insulation	: Fluoropolymer / Silicon Rubber
Operating Voltage	: 230 V
Wattage	: Maximum 500 W/Sq.M

Range

Depending on the application various sizes of

Aluminum Foil Defrost Heaters can be offered.



Thermo Crankcase Heaters

FOR AIR CONDITIONER AND REFRIGERATION COMPRESSORS

Crankcase Heater is used to prevent refrigerant migration and mixing with crankcase oil, and prevent condensation of refrigeration in compressor or a chiller system.

Construction:

A Silicone Rubber insulated Heating element is installed on Metal (Stainless Steel) strip by heat shrinks sleeves to clamp the crankcase. The crankcase is supplied with 1.0 meter long cold lead.

Features:

Safety	: Metal sheath for earthing and mechanical protection
Ease to install	: Quick, Safe and easy to fit. This is a readymade product to install directly on crankcase
Flexibility	: Silicone Rubber insulated Heating Cable ensures flexibility to install on crankcase

Range:

Depending on specific requirements, various sizes of Crankcase Heaters can be offered.

The Crankcase Heaters can also be supplied with inbuilt Thermostat on request.





Extrusion lines of Rosendahl, MTM
Metal Sheathing lines of Wardwell
Stranding lines of Bartel



Thermopads Pvt. Ltd.

28, Nagarjuna Hills, Punjagutta, Hyderabad - 500 082 India
Phone : +91-40-44429292 Fax : +91-40-23350583
E-mail : enquiry@thermopads.com

Thermopads UK Limited

16, Ascot Court, Grove End Road
London NW8 9RY, UK. Phone : +44 (0) 20 7286 9569
E-mail : medhapattam@thermopads.com

www.thermopads.com



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