

# THERMAL MANAGEMENT SOLUTIONS

## Raychem EM-DEFROST-MAT

Heating mat for thawing of frozen ground



# What is the issue?

---

- Open or semi-open construction sites in cold winter season need to continue their work
- Ground work for temperature maintenance of electric and telephone lines, machinery and masonry work during winter time

---

**Filling the product gap in our snow melting product range**

# Raychem solution

---

## New product offer: **EM-DEFROST-HEATING MAT-3M2**

- Portable robust heating mat for outdoor application

### **EM-Defrost-Mat can be used for**

- Soil, sand, sewers, feed in silos or silage bales and frozen water pipes.
- Temperature maintenance of electric and telephone lines, machinery and masonry work.
- Fresh water well drilling.
- Defrosts up to 30 cm of ground frost per 24-hr period
- Sand ground up to 60 cm



---

**Portable, safe and easy to use by everyone**

# Technical data

## Raychem EM-DEFROST-MAT- 3M2•

A portable, robust and flexible heating mat for thawing and defrosting in many different situations.

## Product features


### High safety by

- built-in over temperature protection
- Reflexing stripes on a yellow colored mat surface for better visually during darkness
- Easy to roll-out and carrying by wide handles
- Installation instruction printed on mat

- Fast connection and operation by EU plug
- Eyelets on the sides for fixing or suspension
- Fixed ropes for easy storage
- Cold lead length 3 m
- 230 VAC voltage



### Raychem EM-DEFROST-MAT 3M2



#### PRODUCT OVERVIEW

A portable and flexible heating mat for thawing and defrosting in many different situations. It allows for building ground works during wintertime such temperature maintenance of electric and telephone lines, machinery and masonry work.

- Defrosting of soil, sand, sewers, feed in silos or silage bales and frozen water pipes.
- Temperature maintenance of electric and telephone lines, machinery and masonry work.
- Fresh water well drilling.

#### PRODUCT FEATURES

- Portable robust heating mat.
- High safety by
  - built-in over temperature protection.
  - reflexing stripes on a yellow colored mat surface for better visually during darkness.
- Easy to roll-out and carrying by wide handles.
- Fast connection and operation by EU plug.
- Eyelets on the sides for fixing or suspension.
- Cold lead length 3 m.

#### ORDERING INFORMATION

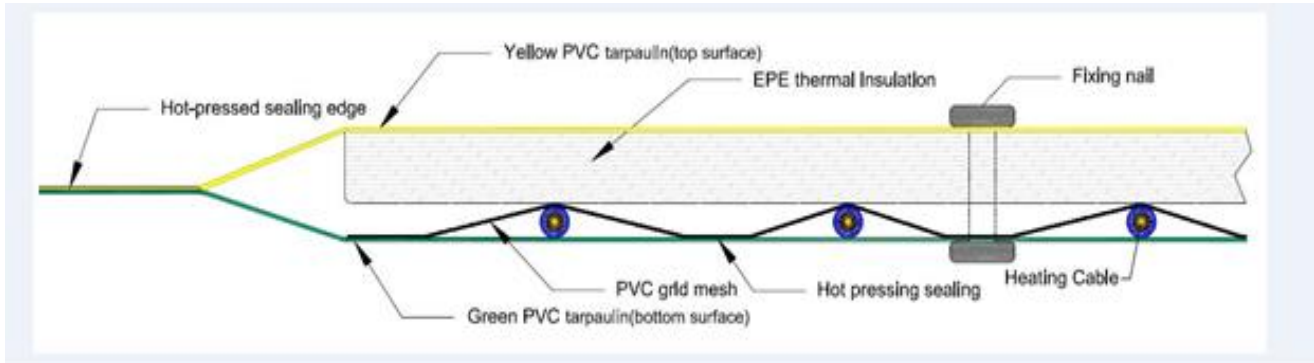
EAN code	S41455018907
PCN number	1244-019413

#### TECHNICAL DATA

Power output	1000 W (-5% - 10%)
Voltage range	230 VAC; 50 HZ
Dimension	3200 mm x 1150 mm
Connection	3 m cold lead with with EU plug IP 44
Overheat protection	90°
Operation temperature	-30°C to +5°C
Storage temperature	-30°C to +50°C
Electrical protection on site	13 A
Heating cable type	Constant Wattage
Enclosure class	IP 67
Material	PVC tarpaulin Insulation layer EPE, thickness = 10 mm
Approvals	CE, SEMKO Standard: EN 60335-1, 2012-04:11 Standard: EN 62233:2008 Standard: SS 4330792 ed. 1 EMKO-TUB611SF 003/87
Weight	9,3 kg

Thermal Building Solutions | Raychem-DS-EU0773-EMDefrostMat-EN-1612 Rev0 | 1/2

# Technical data



<b>Power output/</b>	<b>1000 W ( +5%; -10%)</b>
<b>Voltage range/</b>	230 VAC; 50 Hz
<b>Dimension/</b>	3100 mm x 1150 mm
<b>Operation temperature/</b>	-30°C to +5°C
<b>Storage temperature/</b>	-30°C to +50°C
<b>Cold lead length with EU plug/</b>	3 m , with overheat protection; 90° OFF, re-connect 60°C
<b>Electrical protection on site/</b>	13 A
<b>Heating cable type/</b>	Constant Wattage
<b>Enclosure class/</b>	IP 67
<b>Material/</b>	PVC tarpaulin and Insulation layer EPE; thickness = 10 mm



