

# DEFROST WATER

Self-regulating heating cable for non-industrial applications



## Features:

DEFROST WATER is a light halogen free commercial grade self-regulating heating cable that can be used for freeze protection of water pipes.

It can be cut-to-length at site and exact piping lengths can be matched without any complicated design considerations.

Its self-regulating characteristics improve safety and reliability. DEFROST WATER will not overheat or burnout, even when overlapped upon itself. Its power output is self-regulating in response to the surrounding such as air and water temperature.

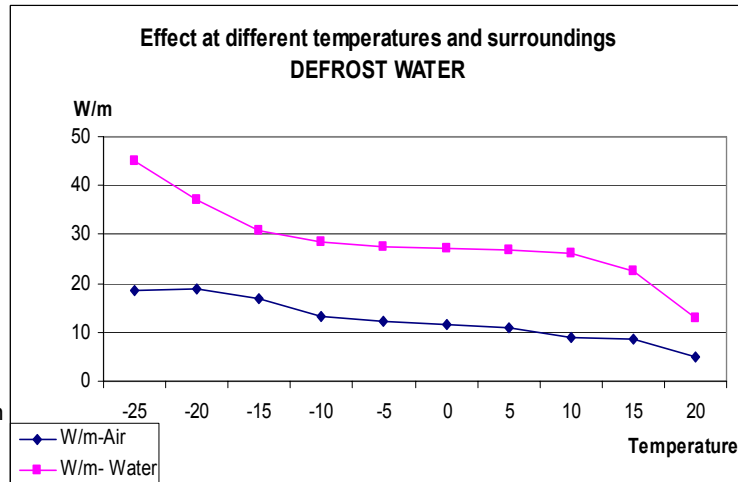
The installation of DEFROST WATER is quick and simple and requires no special skills or tools. Termination, splicing and power connection components are all provided in convenient kits.

## Construction:

- 0,5 sq mm tinned copper bus wires
- Semi-conductive self-limiting matrix
- Thermoplastic elastomer jacket
- Aluminium foil screen
- Thermoplastic outerjacket

## Specification:

- Maximum temperature 60°C (140°F)
- Minimum installation temperature -10°C (14°F)
- Power supply 220 - 240VAC
- Max. resistance of earth wires 18,5 Ohm/km
- SEMKO approved for fresh water pipes
- Standard SS 424 24 11



## DEFROST WATER

	W/m at 5 gr C	kg / 100m	Diameter (mm)	Nexans number
DEFROST WATER Air	10	6,1	7,3	E 89 560 60
<b>Additional products</b>				
Connection-end kit				E 89 590 90
Water proof connection kit for inside installation				E 89 590 95
DEFROST WATER KIT, 3 - 25 m.				various
The DEFROST WATER KIT is supplied with an earthed plug and 1,5 m connection cable.				

	Maximum length (m) vs. 10A circuit breaker		
	Temp. gr C	Start current A/m	Approx. Maximum lengths
DEFROST WATER	5	0,2	100
	0	0,3	90
	-10	0,4	70
	-20	0,5	50
	-30	0,7	40

