



Self-limiting heating cable for non-industrial applications.

STANDARDS

Product IEC 60800

Frost protection

DEFROST PIPE - LS is a light commercial grade self-limiting heating cable/tape that is ideal for frost protection or temperature maintenance of pipe work and vessels in the construction and refrigeration industries. The variant DEFROST PIPE 20 is recommended for frost protection of roof gutters and drains. All DEFROST PIPE cables are UV-resistant, and can be installed outdoors exposed to sunlight.

Cut-to-length

It can be cut-to-length on site, and exact piping lengths can be matched without any complicated design considerations. Please note there are limitations to maximum length, dependent on installation method and environment. More information can be found on the product page or in our heating cable handbook.

Improve safety and reliability

Its self-limiting characteristics improve safety and reliability. DEFROST PIPE will not overheat or burnout, even when overlapped upon itself. Its power output is self-limiting in response to the pipe temperature.

Quick installation

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

Bus-bar cross sections:

The cables have the following bus-bar cross sections:

- DEFROST PIPE - LS 10, 20, 30 and 40: 2 x 1.26 mm²

(Cable illustration is not in true resemblance to actual dimensions)



Conductor flexibility
Stranded



Minimum installation temperature
-45 °C



Operation bending rad.
25 mm

CHARACTERISTICS

Construction characteristics

Conductor flexibility	Stranded
Conductor material	Tinned copper
Insulation	Cross-linked polyolefin
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	TPE
Sheath colour	Grey

Dimensional characteristics

Approximate weight	10.3 kg/100m
Conductor cross-section	1.26 mm ²
Height	5.6 mm




Electrical characteristics



Maximum permissible nominal current	- A
Operating voltage	230 V
Resistance of the screen	18.2 Ohm/km

Usage characteristics

Minimum installation temperature	-45 °C
Laying operation bending radius	25 mm
Max. temperature energized, outer sheath	65 °C
Packaging	Drum

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Output at 10°C [W/m]	Maximum installation length [m]
 10573441	1037319	DEFROST PIPE 30 - LS/T3000	30	106
 10573440	1037321	DEFROST PIPE 20 - LS/T3000	20	129
 10573444	1037318	DEFROST PIPE 20 - LS/T300	20	129

 = Make to order,  = In stock,