

# ILHS...(CF)


Electrical heating tape for frost protection or temperature maintenance of pipework and vessels in safe or hazardous locations.

Erfahrung ist Zukunft



## Self-Regulating Heating Tape

200°C

- Automatically adjusts heat output in response to increasing or decreasing pipe temperature
- Will not overheat or burnout, even when overlapped.
- Can be cut to length with no wastage
- Full range of controls, accessories and approvals
- Available for 208..277V AC (110..120V AC on request)
- 

### Description

Quintherm ILHS is an industrial grade, self-regulating heating tape that can be used for applications ranging from process heating or maintenance of temperatures up to 200°C.

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

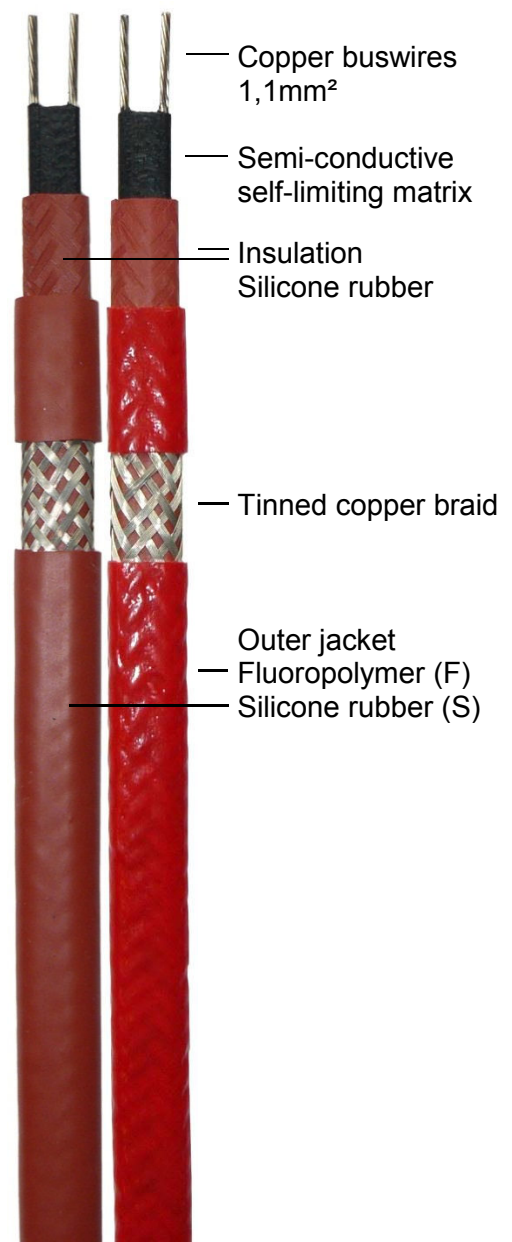
ILHS is approved for use in safe, hazardous and corrosive environments to world-wide standards.

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

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

### Options

- ILHS... Basic heating tape without braiding and without outer jacket
- ILHS..C Tinned copper braid providing mechanical protection or where traced equipment does not provide an effective earth path. eg. Plastic-pipework.
- ILHS..CS A Silicone outer jacket over tinned copper provides extended protection.
- ILHS..CF Fluoropolymer outer jacket over tinned copper braid provides protection where corrosive chemical solutions or vapours may be present.



## Technical Data

Max. Allowed Temperature:	150°C (ON) 200°C (OFF)
Min. Installation Temperature:	-40°C
Min. Operation Temperature:	-60°C
Power Supply:	208-277V AC
Maximum Resistance of Protective Braiding:	≤ 18,2Ohm/km
Temperature Classification:	T3(200°C)
Weights and Dimensions:	

Type	Dimensions Nominal(mm)	Weight kg/100m	Min. Bending Radius(mm)	Gland Size
ILHS..C	10,25 x 4,85	12,2	20	M20
ILHS..CS	11,25 x 5,85	12,5	25	M20
ILHS..CF	11,05 x 5,65	12,5	30	M20

## Approvals

Testing Authority	Certificate No.	Standards
IECEX	SIR 12.0054	IEC 60079
ATEX	Sira 12ATEX3136	EN 60079

## Ordering Information

Example:

	<b>ILHS 30 2 C F</b>
Quintherm ILHS	
Nominal Output 30W/m at 10°C	
Supply Voltage 220-240V	
Tinned Copper Braid (C)	
Fluoropolymer Outer Jacket (F)	
Silicone Outer Jacket (S)	

## Further Information

Please consult the installation instructions.

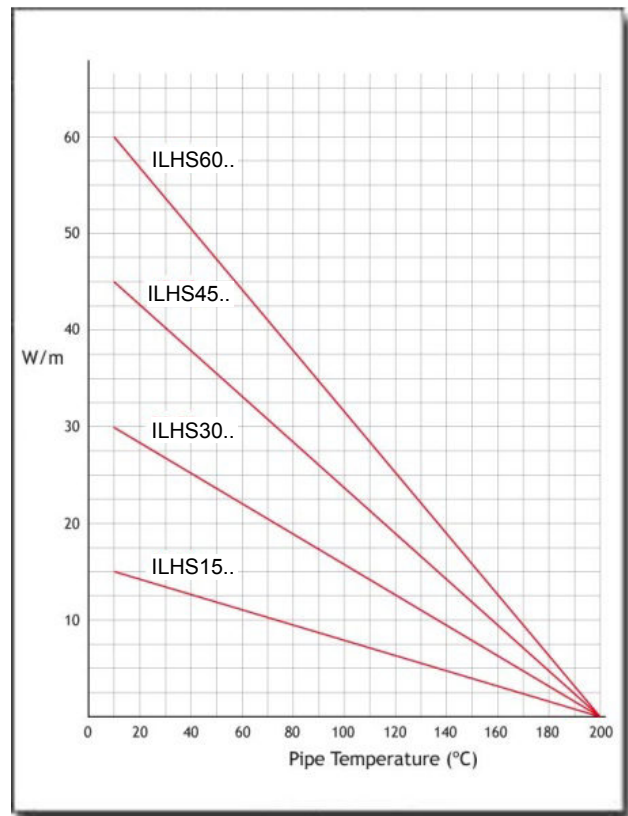
## Max. Length (m) vs. Circuit Breaker Size

Type	Start Temp.	16A	20A	32A
ILHS152..	10°C	126	154	-
	0°C	120	150	-
ILHS302..	10°C	83	102	108
	0°C	77	98	102
ILHS452..	10°C	62	76	88
	0°C	58	72	82
ILHS602..	10°C	50	62	76
	0°C	46	58	70

For use with Type C breakers to EN60898

## Thermal Ratings

Nominal output at 230V when ILHS is installed on insulated metal pipes.



## Accessories

Quintex supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. Such items carry separate approvals from the heating tapes. When used in hazardous areas, only use approved components.