ILH…(CF)

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

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 220-277V AC (110-120V AC on request)
- Ex

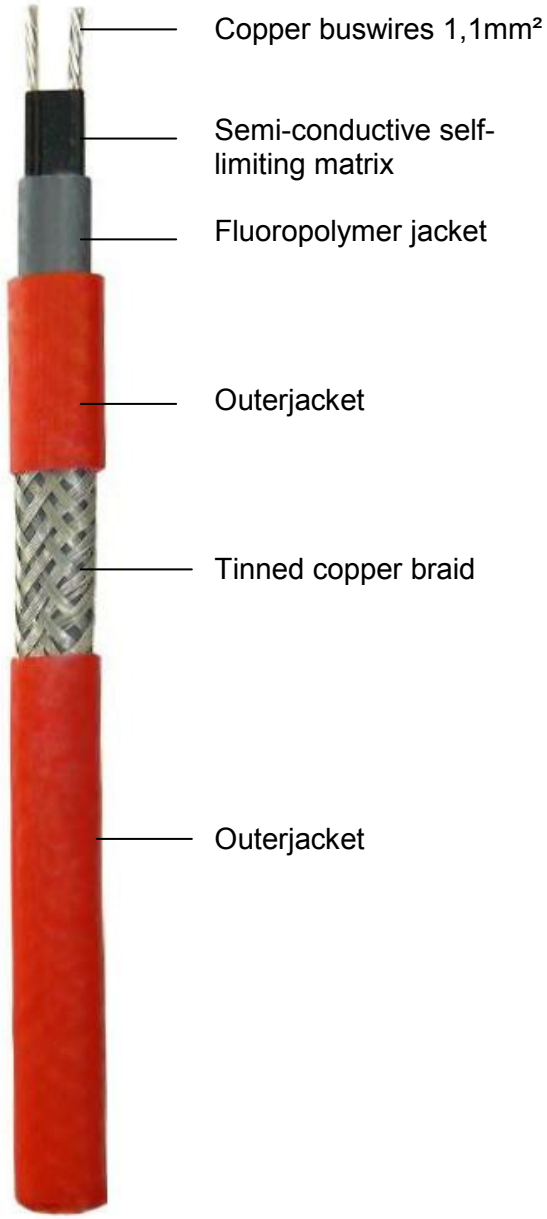
Description

Quintherm ILH is an industrial grade, self-regulating heating tape that can be used for applications ranging from process heating or maintenance of temperatures up to 150°C.
It can be cut to length on site and exact piping lengths can be matched without any complicated design considerations.

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

Its self-regulating characteristics improve safety and reliability. ILH 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 ILH is quick and simple and requires no special skills or tools. Termination, splicing and power connection components are all provided in convenient kits.



Options

ILH…	Basic heating tape without braiding and without outerjacket.
ILH…C	Tinned copper braid providing mechanical protection or where traced equipment does not provide an effective earth path. eg. Plastic pipework.
ILH…CF	Fluoropolymer outerjacket over tinned copper braid provides protection where corrosive chemical solutions or vapours may be present.

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ILH...(CF)

Technical Data

Max. Allowed Temperature:	Energized 150°C
	De-Energized 200°C
Min. Installation Temperature:	-30°C
	(CENELEC -20°C)
Power Supply:	220-277V AC
Temperature Classification:	With Braiding T2 (300°C)
	With Braiding And Outerjacket T3 (200°C)
Maximum Resistance Of	
Protective Braiding:	≤ 18,2Ohm/km

Type	Nominal Dimensions (mm)	Weight Kg/100m	Min. Bending Radius (mm)	Gland Size
ILH...C	11,4 x 4,4	11,7	25	M20
ILH..CF	12,2 x 5,2	15,4	30	M20

Approval Details

Testing Authority	Certificate No.	Standard
CENELEC	SCS Ex 99E3175*	EN60079-0 EN60079-7
ATEX	SIRA 02ATEX3072	EN60079-0 EN60079-7 IEC62086
IEC	SIRA 02Y3062	CEI IEC62086 IEC60079-7
FM	3009080	ANSI/IEEE Std 515
CSA	214197-1295278	C22.2 No. 130.1 C22.2 No. 130.2 C22.2 No. 138
Lloyds Register	02/00062	EN60079-0 EN60079-7 IEEE Std 515
GOST R	POCC GB.rБ05.B02364	GOST R 51330.0-99 GOST R 51330.8-99

* Suffix „X“ for braid only heaters.

Ordering Information

Example: ILH152CF

- Quintherm ILH
- Nominal Output 15W/m at 10°C
- Supply Voltage 220-277V
- Tinned Copper Braid
- Fluoropolymer Outerjacket

CE 0518

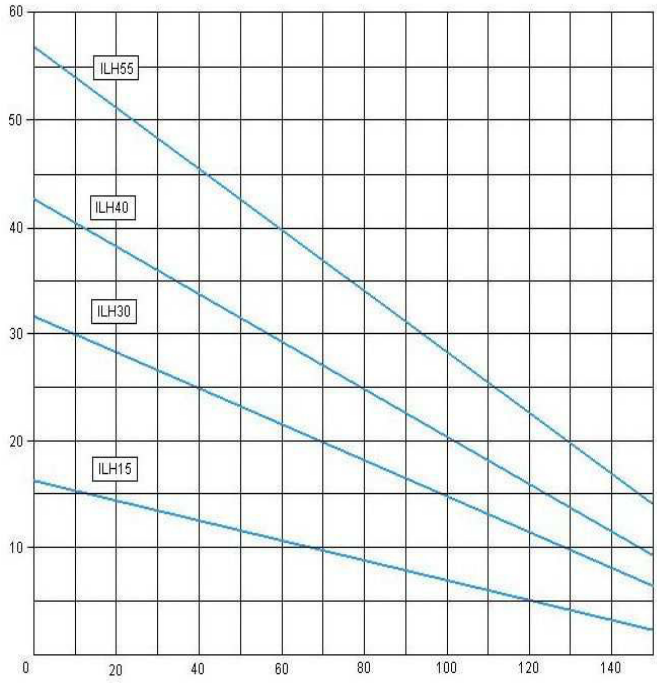
Max. Length (m) vs. Circuit Breaker Size

Type	Start-up Temp.	10A	16A	20A	25A
ILH152..	10°C	112	162	-	-
	0°C	106	162	-	-
	-20°C	94	150	162	-
	-40°C	84	134	162	-
ILH302..	10°C	58	92	114	-
	0°C	56	88	112	114
	-20°C	50	82	102	114
	-40C	46	74	94	114
ILH402...	10°C	42	66	84	98
	0°C	40	64	80	98
	-20°C	36	58	72	90
	-40°C	34	52	66	82
ILH552..	10°C	24	38	46	76
	0°C	18	30	36	58
	-20°C	12	20	26	42
	-40°C	8	12	16	24

For use with Type C breakers to EN60898

Thermal Ratings

Nominal output at 230V when ILH is installed on insulated metal pipes.
W/m



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.

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