


ILS...(NF)

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

Self-Regulating Heating Tape

250°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..240V AC (110..120V AC auf Anfrage)
- 

Description

Quintherm ILS 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.

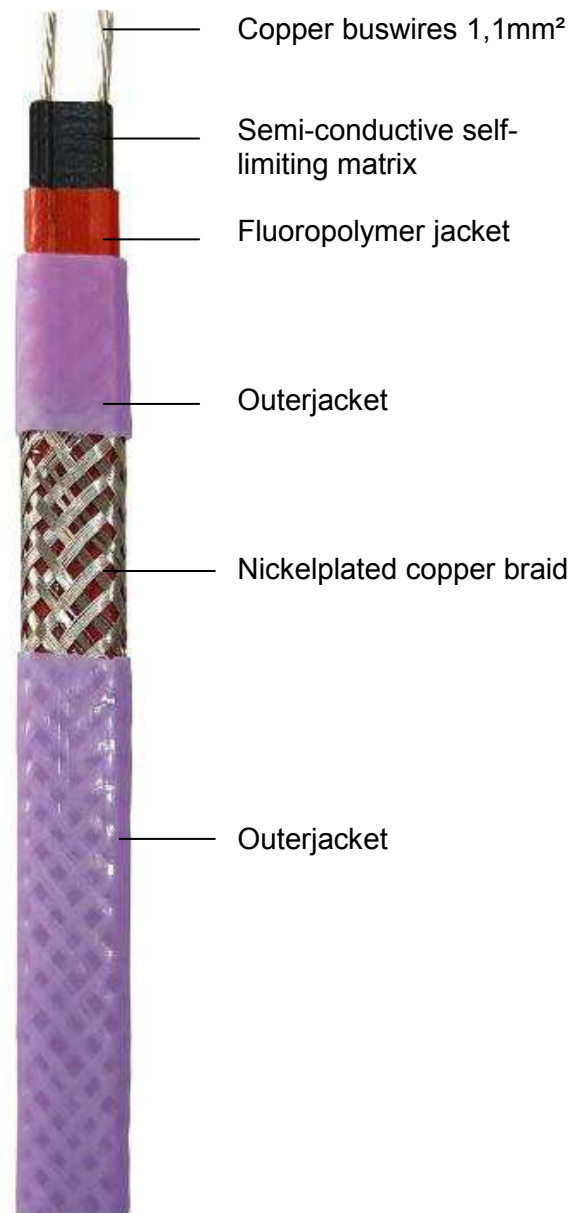
ILS is approved for use in non-hazardous, hazardous and corrosive environments to world-wide standards.

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

Options

- ILS... Basic heating tape without braiding and Without outerjacket.
- ILS...N Nickelplated copper braid providing mechanical protection or where traced equipment does not provide an effective earth path. eg. Plastic pipework.
- ILS...NF Fluoropolymer outerjacket over nickelpated copper provides protection where corrosive chemical solutions or vapours may be present.



ILS...(NF)

Technical Data

Max. Allowed Temperature:	Energized 200°C De-Energized 250°C
Min. Installation Temperature:	-40°C
Power Supply:	220-240V AC
Temperature Classification:	75 & 90W/m = T2 (300°C) 15 – 60W/m = T3 (200°C)
Maximum Resistance Of	
Protective Braiding:	≤ 18,2Ohm/km

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

Approval Details

Testing Authority	Certificate No.	Standard
CENELEC		EN60079-0 EN60079-7
ATEX	SIRA 04ATEX3012	EN60079-0 EN60079-7 IEC62086
CSA	214197-1295278	C22.2 No. 130.1 C22.2 No. 130.2 C22.2 No. 138
GOST R	POCC GB.r505.B02364	GOST R 51330.0-99 GOST R 51330.8-99

Ordering Information

Example:

ILS152NF

Quintherm ILS	_____
Nominal Output 15W/m at 10°C	_____
Supply Voltage 220-240V	_____
Nickelplated Copper Braid	_____
Fluoropolymer Outerjacket	_____

CE 0518

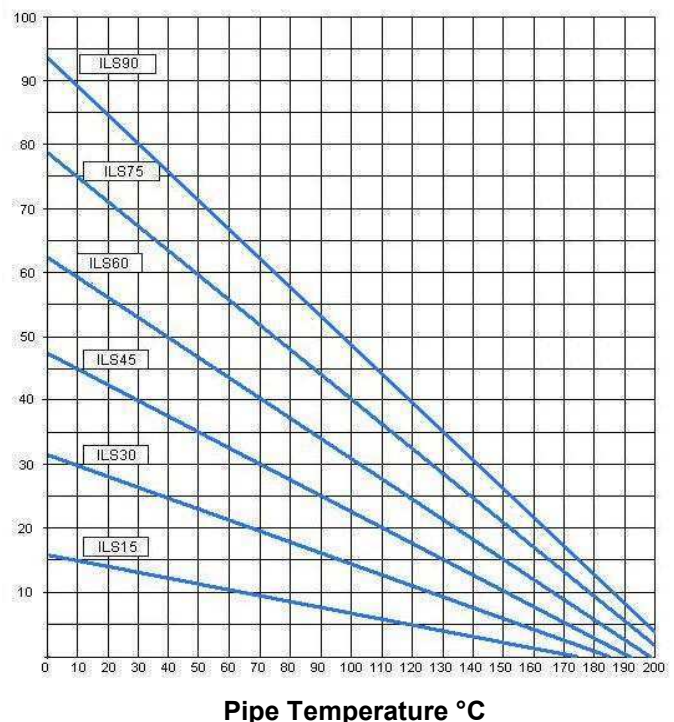
Max. Längen (m) in Abhängigkeit der Absicherung

Typ	Start Temp.	10A	16A	20A	25A
ILS152..	10°C	78	126	154	-
	0°C	76	120	150	154
	-20°C	68	108	136	154
	-40°C	-	-	-	-
ILS302..	10°C	52	82	102	108
	0°C	48	78	96	108
	-20°C	44	70	88	108
	-40C	-	-	-	-
ILS602...	10°C	30	50	62	76
	0°C	30	46	58	72
	-20°C	26	42	52	66
	-40°C	-	-	-	-
ILS902..	10°C	22	34	42	54
	0°C	20	32	40	50
	-20°C	18	30	36	46
	-40°C	-	-	-	-

For use with Type C breakerst o EN60898

Thermal Ratings

Nominal output at 230V when ILS 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.