FSU 250°C

Extremely high temperature self-regulating heating cable.

FailSafe Ultimo

Inherently Temperature-Safe Heating Cable

- 250°C exposure temperature withstand, (energised or switched off).
- High power outputs to 100W/m at 10°C
- *Inherently temperature-safe. (ITS)*
- External temperature controls not necessary.

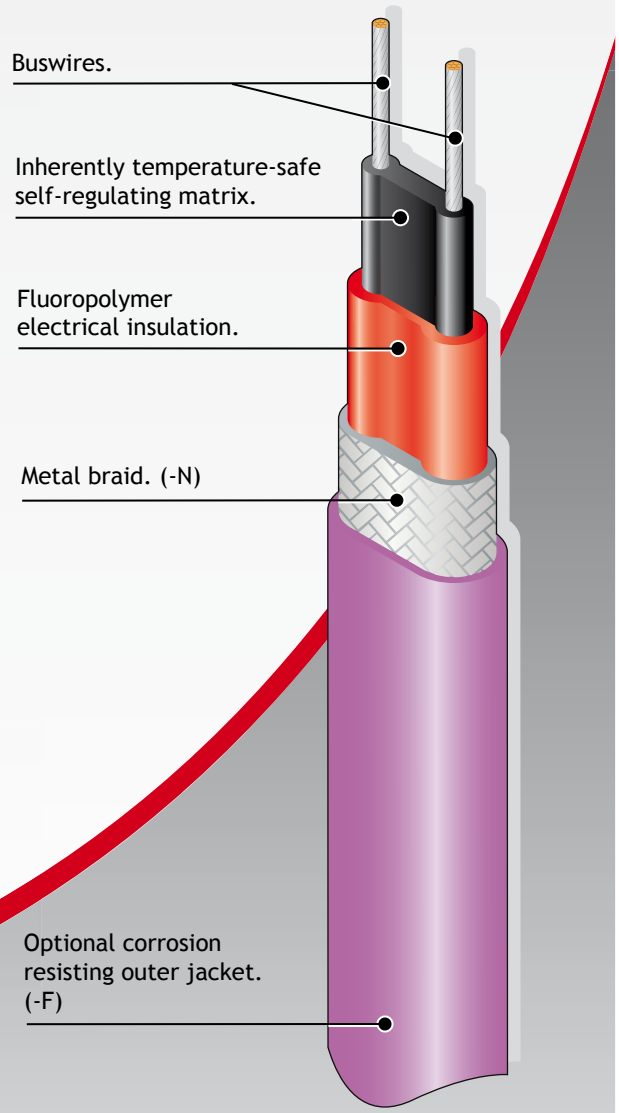
DESCRIPTION

FSU is an extremely high temperature self-regulating heating cable, having an exposure limit of 250°C, energised or not.

Easy terminations, cut-to-length.

Safest ever self-regulating product range for extremely high temperature exposure; will not overheat even when exposed to 250°C when energised or switched off as it is *inherently temperature-safe*.

ATEX and IECEx Approved.



INHERENTLY TEMPERATURE-SAFE

" The inherent ability to self-regulate at a temperature level below the maximum product rating and withstand temperature of the insulating materials, without the need for temperature control."

Similar competitor self-regulating products are typically limited to a maximum energised temperature, typically 120°C at which point, their retained power output prevent the cable from self-regulating at its own limiting temperatures. All such products require temperature control to ensure their own temperature safety.

HEAT TRACE™
SETTING THE STANDARDS LEADING THE WAY

The Heat Tracing Authority™

SRDS0112 (Oct 14)

SPECIFICATION

MAXIMUM EXPOSURE TEMPERATURE: 250°C (482°F)
(ENERGISED OR SWITCHED OFF)

MINIMUM OPERATING TEMPERATURE: -65°C* (-85°F)

MINIMUM INSTALLATION TEMPERATURE: -40°C (-40°F)

POWER SUPPLY: 0 - 277V AC

WEIGHTS & DIMENSIONS:

Type Ref	Nom. Dims. (mm)	Weight kg/100m	Min Bending radius	Gland Size
FSU	10.1 x 3.4	7.6	20mm	M20
FSU-N	11.4 x 4.4	11.3	25mm	M20
FSU-NF	11.9 x 5.2	14.6	30mm	M20
FSUw	12.4 x 3.5	11.4	30mm	M25
FSUw-N	13.4 x 4.5	15.8	30mm	M25
FSUw-NF	14.2 x 5.3	19.5	30mm	M25
FSUw-A	14.2 x 5.3	19.6	30mm	M25
FSUw-AF	15.0 x 6.1	21.9	30mm	M25

APPROVAL DETAILS:

ATEX - Sira 04ATEX3012, Sira 13ATEX3126
IECEx - SIR 11.0131, SIR 11.0132
DNV-GL - E12835
CSA - 1295278, 1547590
EAC* - TC RU C-GB.ГБ05.B.00186

ORDERING INFORMATION:

Example; 75 FSU 2 - N F

- 75 — Output 75W/m at 10°C
- FSU — FSU Heating Cable
- 2 — Supply Voltage 208 - 277V AC
- N — Metal Braid
- F — Outer Sheath, Fluoropolymer

ACCESSORIES:

Heat Trace supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. Such items carry separate approvals from the heating cables. Use only approved components, as per system certification.

FURTHER INFORMATION:

Please consult the appropriate termination instructions and the Heat Trace Installation, Maintenance and Testing Manual (IMEHT010) for further details.

MAXIMUM LENGTH (m) vs. CIRCUIT BREAKER SIZE:

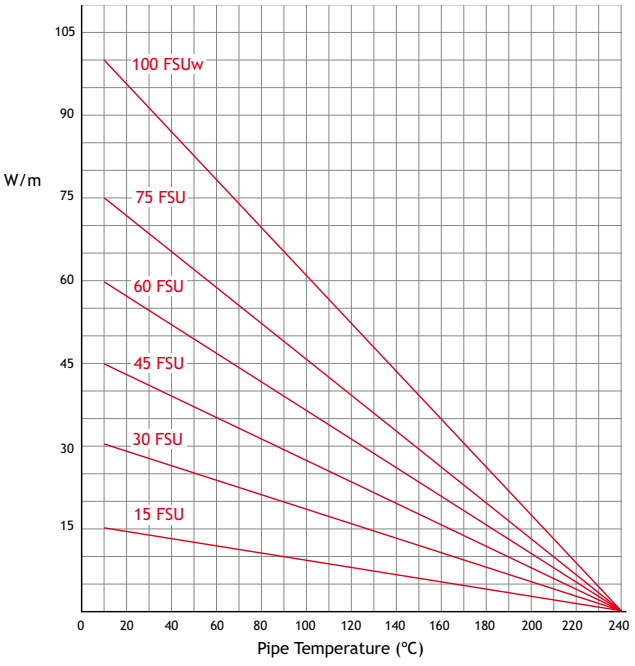
The following circuit details relate specifically for the trace heating of pipework and equipment. For any other application consult Heat Trace.

Cat Reference	Start-up Temperature	230V 10A	16A	20A	32A
15FSU	10°C	76	122	154	154
30FSU	10°C	52	82	102	108
45FSU	10°C	38	62	76	88
60FSU	10°C	24	38	46	76
75FSU	10°C	14	24	28	46
100FSUw	10°C	14	22	28	46

For use with Type C circuit breakers to BS EN60898: 1991

THERMAL RATINGS:

Nominal output at 230V when FSU is installed on thermally insulated carbon steel pipes, being fixed with aluminium fixing tape.



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