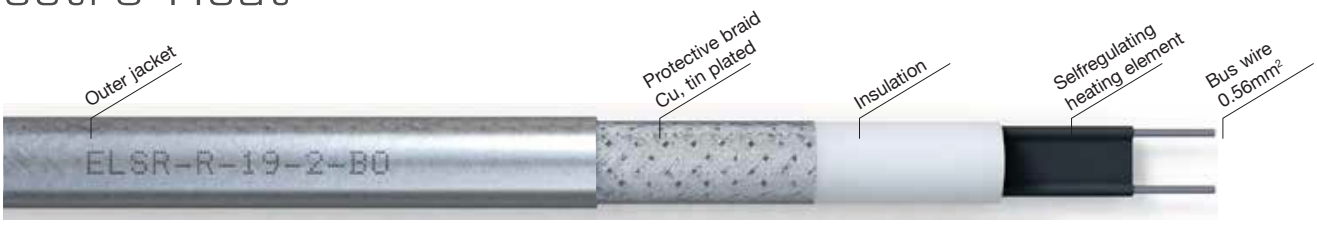
SAN Electro Heat

NIBE GROUP MEMBER

Selfregulating parallel heating cable
Type ELSR-R up to 65°C



- Round design
- Self-regulating
- Can be cut to length from the roll
- Moisture proof
- UV-resistant
- Perfectly suitable for installation with sections thanks to the round shape.

Applications:

- Frost protection for doors and seals of refrigerating chambers
- Usage in cooling water lines of breweries and drink manufacturers

The “R” in the name of our self-regulating heating cable ELSR-R is an abbreviation for “round”. This heating cable was specially developed to protect the doors and seals of refrigerating chambers against frost as well as all for applications requiring a round heating cable.

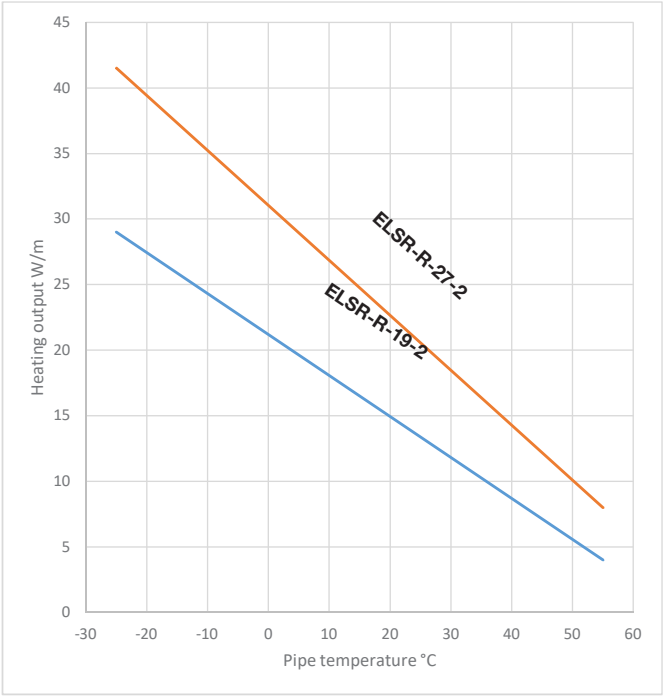
It is also often used in cold water lines by breweries and drinks manufacturers (as frost protection). The maximum exposure temperature is 65°C.

Technical Data:

Outer jacket.....Flouropolymer
Bus wire.....nickel-plated copper
Maximum maintain temperature, energized.....65°C
Maximum maintain temperature, de-energized.....65°C
Nominal voltage.....230V
Bending radius minimum.....30mm
Installation temperature, min..... -30°C

Type	Nom. output at 10°C - (W/m)	Dimensions approx. (mm)	Weight approx. (g/m)	Part no.
ELSR-R-19-2-BOT	19W/m at 10°C	7.3	77	3660080
ELSR-R-27-2-BOT	27W/m at 10°C	7.3	74	3660081
Termination kit for M25 box				7399114
Termination kit for cold cable				7399108

Other versions are available upon request
This heating cable has specially been developed for the use with doors of refrigerating chambers. Please contact our engineers for more details on our ELSR-R.



Heating curcuit lengths ELSR-R-...-2-BOT on the following condition

- 230V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80 % maximum load
- Maximum 10 % line voltage drop on the heating cable bus wire
- Power connection to one (1) heater end

Switch-on temp. °C	Nominal cutout value A	Heating circuit length (m) for	
		ELSR-R-19-2	ELSR-R-27-2
+10°C	10 16 20	75.0 102.0 102.0	20.0 32.0 40.0
0°C	10 16 20	62.0 94.0 94.0	16.5 26.5 33.5
-10°C	10 16 20	51.0 81.5 88.0	13.5 21.5 27.0
-20°C	10 16 20	41.0 65.5 82.0	11.0 17.5 22.0
-40°C	10 16 20	30.0 48.0 60.0	7.5 12.0 15.0

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