

# Series Resistance Heating Cable SNF-L

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SNF-L is a flexible heating cable with a fixed specific resistance and is specifically designed for use in areas where high operating temperatures and high output power is required. By using fluoropolymer for external insulation, the heating cable is particularly suitable for use in chemically aggressive and corrosive

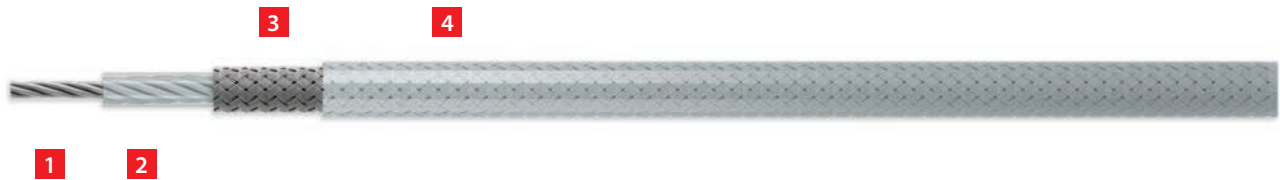
environments. The special design of SNF-L heating cable ensures high mechanical strength. Installation of the heating cables on site is quick and easy. Thanks to its small outside dimensions it can be easily attached to irregular objects such as pumps, valves and flanges.

## Features

- Temperature resistance up to +260 °C
- Mechanical resistance (4J impact resistance)
- Ex-approved solution
- Steam cleaning resistant, high chemical resistance

## Application Areas

- Temperature maintenance or freeze protection in non-hazardous and ex-hazardous areas



## Construction

1. Resistive heating wire
2. Fluoropolymer insulation
3. Nickel-plated copper braid
4. Fluoropolymer outer jacket

# Series-Resistance Heating Cables

## Types

Name	Nominal resistance (Ohm/km) at +20 °C	Outer diameter, mm	Order code
SNFL 17R4	17.4	4.29	3202001407
SNFL 24R8	24.8	4.08	3202001408
SNFL 32R7	32.7	3.93	3202001409
SNFL 0050	50	3.75	3202001410
SNFL 0062	62	3.72	3202001411
SNFL 0080	80	3.6	3202001412
SNFL 0100	100	3.9	3202001413
SNFL 0142	142	3.81	3202001414
SNFL 0178	178	3.72	3202001415
SNFL 0200	200	3.75	3202001416
SNFL 0250	250	3.75	3202001417
SNFL 0340	340	3.65	3202001418
SNFL 0410	410	3.48	3202001419
SNFL 0490	490	4.05	3202001420
SNFL 0590	590	3.75	3202001421
SNFL 0665	665	3.9	3202001422
SNFL 0765	765	3.72	3202001423
SNFL 1000	1000	3.6	3202001424
SNFL 1300	1300	3.54	3202001425
SNFL 1480	1480	3.71	3202001426
SNFL 1865	1865	3.96	3202001427
SNFL 2825	2825	3.9	3202001428
SNFL 3950	3950	3.81	3202001429
SNFL 5900	5900	3.54	3202001430
SNFL 7000	7000	3.5	3202001431
SNFL 8000	8000	3.47	3202001432

## Technical Data

Maximum exposure temperature	+260 °C (intermittent +300 °C)	
Minimum installation temperature	-70 °C	
Rated voltage	Up to 450/750 VAC (U <sub>0</sub> /U)	
Maximum power output	40 W/m	
Mechanical resistance	4J	
Minimal bending radius	for cable diameter up to 6 mm	2.5 × diameter
	for cable diameter above 6 mm	6 × diameter

## Approvals



Ex 60079-30-1 IIC Gb  
 Ex 60079-30-1 IIIC Db  
 Ex 60079-30-1 IIC T6...T2 Gb  
 Ex 60079-30-1 IIIC 85...260 °C Db  
 CML 19ATEX3498U  
 CML 19ATEX3499X



IECEx CCVE 18.0005U  
 IECEx CCVE 18.0004X



## Marking

Example: SNFL 32R7

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1. Cable type (SNFL)
2. Resistance code (32R7 – 32.7 Ohm/km)