

Series-Resistance Heating Cable SNF

SNF 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

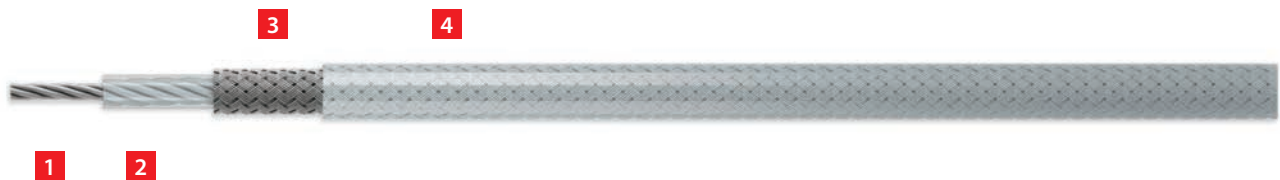
environments. The special design of the SNF heating cable ensures high mechanical strength. Installation of SNF heating cables on site is quick and easy. Thanks to its small outside dimensions it can be easily attached to irregular objects such as pumps, valves and flanges.

Features

- Temperature resistance up to 260 °C
- High mechanical resistance (7J 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. Series-resistance heating conductor
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
SNF 01R8	1.8	7.80	3202001701
SNF 02R9	2.9	6.74	3202001702
SNF 04R4	4.4	5.88	3202001703
SNF 07R1	7.1	5.10	3202001704
SNF 09R7	9.7	5.25	3202001705
SNF 11R9	11.9	4.96	3202001706
SNF 17R4	17.4	4.69	3202001707
SNF 24R8	24.8	4.48	3202001708
SNF 32R7	32.7	4.73	3202001709
SNF 0050	50	4.55	3202001710
SNF 0062	62	4.52	3202001711
SNF 0080	80	4.40	3202001712
SNF 0100	100	4.70	3202001713
SNF 0142	142	4.61	3202001714
SNF 0178	178	4.52	3202001715
SNF 0200	200	4.55	3202001716
SNF 0250	250	4.55	3202001717
SNF 0340	340	4.45	3202001718
SNF 0410	410	4.28	3202001719
SNF 0490	490	4.45	3202001720
SNF 0590	590	4.55	3202001721
SNF 0665	665	4.70	3202001722
SNF 0765	765	4.52	3202001723
SNF 1000	1000	4.40	3202001724
SNF 1300	1300	4.34	3202001725
SNF 1480	1480	4.51	3202001726
SNF 1865	1865	4.76	3202001727
SNF 2825	2825	4.70	3202001728
SNF 3950	3950	4.61	3202001729
SNF 5900	5900	4.34	3202001730
SNF 7000	7000	4.30	3202001731
SNF 8000	8000	4.27	3202001732

Technical Data

Maximum exposure temperature	+260 °C (intermittent +300 °C)	
Minimum installation temperature	-70 °C	
Rated voltage	up to 450/750 VAC (U ₀ /U)	
Maximum power output	40 W/m	
Mechanical resistance	7J	
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°C...260°C Db
 CML 19ATEX3498U
 CML 19ATEX3499X



IECEx CCVE 18.0005U
 IECEx CCVE 18.0004X



Marking

Example: SNF 32R7



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