

SRF(s) Series

Small Geometry Self-Regulating Heating Cable
Freeze Protection for Pipework



Key Features

- Suitable for protection of plumbing and pipes from freezing (on-pipe or in-pipe application)
- Low power consumption by adjusting heat output automatically based on surface temperature due to the self-regulating conductive polymer core
- Post-treated under elevated temperature in annealing process to give its stability in long-term operation without losing heat output
- Durable, flexible, and excellent heat resistant
- Cut to length installation

Ordering Information

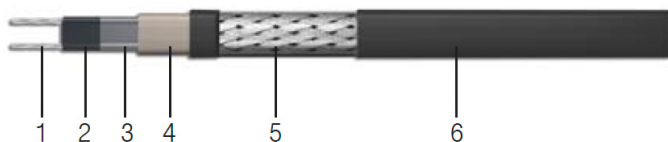
SRF(s) 10 - 1 CR
 ① ② ③

① Nominal Power Output	10	10 W/m (3 W/ft)
	16	16 W/m (5 W/ft)
② Voltage	1	100 - 130V AC
	2	200 - 254V AC
③ Material of Outer Jacket	CR	Modified Polyolefin
	CT	Fluoropolymer

Specifications

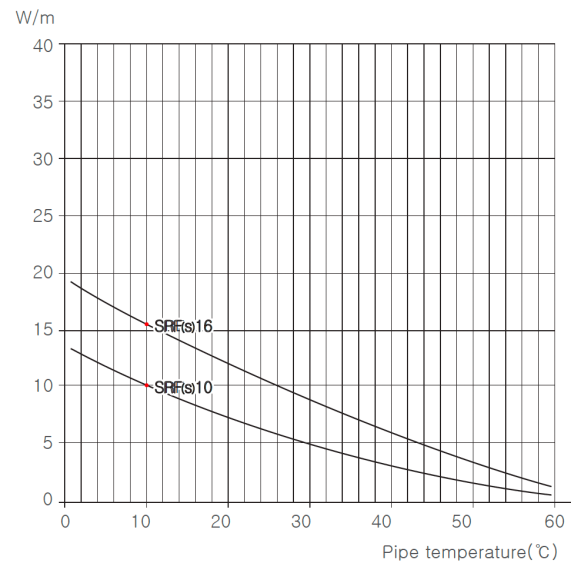
Nominal Power Output at 10°C (50°F)	10 W/m (3 W/ft) 16 W/m (5 W/ft)	
Bus Wires	18 AWG	
Continuous Maintenance Temperature	Max. 65°C (150°F)	
Intermittent Exposure Temperature	Max. 85°C (185°F)	
T-rating	T6	
Supply Voltage	SRF(s)-1	100 - 130V AC
	SRF(s)-2	200 - 254V AC

Product Construction



1. Copper bus wire
2. Self-regulating conductive core
3. Inner adhesive jacket
4. Modified polyolefin jacket
5. Tinned-copper braid
6. Outer jacket

Power Output Graph



Max. Length vs. Circuit Breaker Size

[Unit: m]

SRF(s)	Start-up temp.	110V				220V			
		10A	15A	20A	30A	10A	15A	20A	30A
SRF(s) 10-CR/CT	10°C	70	-	-	-	120	-	-	-
	0°C	60	75	-	-	110	130	-	-
	-20°C	45	50	60	-	80	90	100	-
SRF(s) 16-CR/CT	10°C	50	60	-	-	85	100	-	-
	-20°C	45	50	60	-	80	95	100	-
	-40°C	30	40	50	60	60	75	90	100

