

## ECONOMICAL, SELF-REGULATING FREEZE PROTECTION HEATING CABLE

### SRF SERIES



- ✓ Self-Regulating, Energy-Efficient Freeze Protection
- ✓ Cost-Effective for Contractor/Construction Applications
- ✓ Industrial Grade, 16 AWG Wire Buss
- ✓ Longer Circuit Paths, Up to 128 m (420') at 240V
- ✓ 3, 5, and 8 W
- ✓ 120, 208 to 277V
- ✓ UL, FM, CSA Approvals

### APPLICATIONS

- ✓ Commercial Construction
- ✓ Cooling Towers
- ✓ Chilled Water and Plumbing Pipes
- ✓ Sump Discharge Pipes
- ✓ Wet Sprinkler Systems
- ✓ Exposed P-Traps

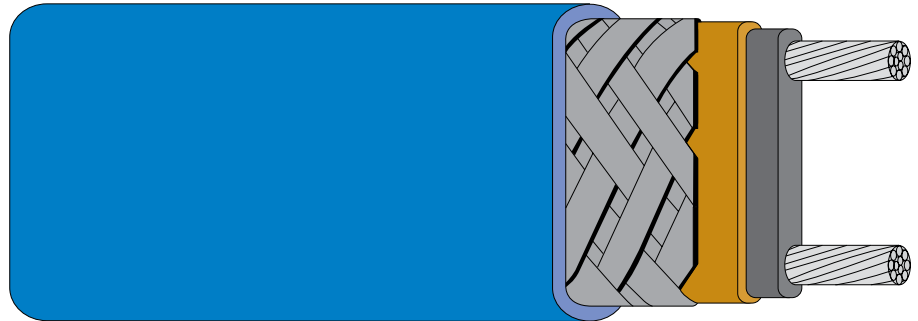
### INDUSTRIAL APPLICATIONS

- ✓ Water Treatment Facilities
- ✓ Vessel Freeze Protection
- ✓ Safety Shower Lines

### APPROVALS

- ✓ Listed for Ordinary Areas
  - ✓ Factory Mutual Approved for Ordinary Areas
- ✓ CSA Certified for Ordinary Areas

OMEGALUX® SRF cable is ideal for keeping metal and plastic pipes warm in commercial construction, institutional buildings, and some industrial freeze-protection applications. SRF cable is constructed of a self-regulating polymer core that varies its output along its entire length, saving energy and eliminating hot spots along the pipe. The parallel



### Standard Construction

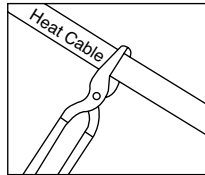
**A. Buss wires.** Twin 16 AWG copper buss wires provide good current capability.

**B. Matrix.** A semiconductive polymer core whose electrical resistance varies with temperature. When process temperature drops, the core's heat output increases; conversely, as process temperature rises, heat output decreases.

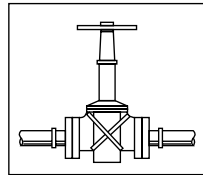
**C. Jacket.** This flame-retardant insulation jacket is a thermoplastic rubber material with excellent water resistance. It also resists certain mildly corrosive chemicals.

**D. Tinned-Copper Braid.** The braid covering the jacket provides additional mechanical protection and a positive ground path.

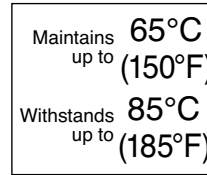
**E. Optional High Temp TPR Overjacket.** The TPR overcoat protects the braid and provides resistance to certain inorganic chemical solutions. Add suffix -CR to the model number.



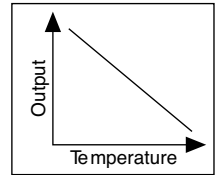
Cut to Length in Field



Can be Overlapped



Low Temperature



Self-Regulating

construction makes it easier to install than zone or series types of cable since it can be cut to length at any point on the pipe. It can be overlapped without overheating the cable.

### To Order

Output at Rated Voltage at 10°C (50°F)		Tinned-Copper Braid and TPR Overcoat (-CR)		Wt. lb/1000'
Watts/Ft.	Volts	Model No.	Model No.	
3	120	SRF3-1C	SRF3-1CR	64
	208 to 277	SRF3-2C	SRF3-2CR	
5	120	SRF5-1C	SRF5-1CR	64
	208 to 277	SRF5-2C	SRF5-2CR	
8	120	SRF8-1C	SRF8-1CR	64
	208 to 277	SRF8-2C	SRF8-2CR	

Minimum length of heating cable is 7.6 m (25'). Visit us online for heat cable accessories and controls.

**Ordering Example:** SRF5-1C, 5 W per foot heating cable, 30 m (100') length.