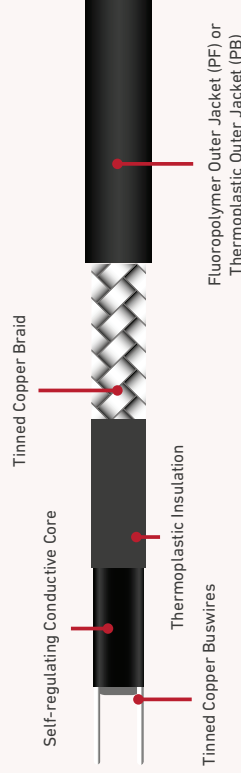


HEAT TRACING SOLUTIONS

Cable Construction



Introduction

All of our Self-Regulating Heating Cables can be cut to length and provide the most versatility in heat trace designs and applications. These product lines are constructed of an advanced semi conductive heater matrix extruded between parallel bus wires, a self-regulating cable adjusts its output to independently respond to ambient temperatures all along its length. As the temperature increases, the heater's resistance increases which lowers the output wattage. Conversely, as the temperature decreases, the resistance decreases and the cable produces more heat. This product will not overheat or burnout. Our products are manufactured to international standards within ISO certified production facilities.

Technical Data

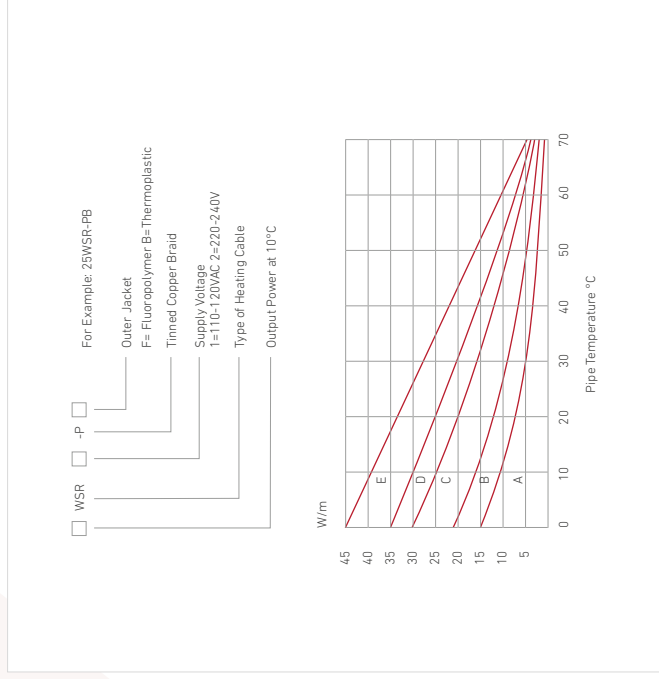
- Output Wattage: 10, 17, 25, 31, 40 (W/m)
- Maximum Maintain Temperature: 65°C
- Maximum Exposure Temperature: 85°C
- Minimum Intallation Temperature: -10°C
- Work Voltage: 110V-120V / 220-240V
- WSR Series:**
- WSR-P: Tinned Copper Metal Braid
- WSR-PB: Thermoplastic Outer Jacket
- WSR-PF: Fluoropolymer Outer Jacket
- Max Resistance of Braid: $\leq 18.2\Omega/\text{km}$
- Conductor: 1.37 mm²
- Approvals: **CE**, GOST

Application

This product is generally used for frost protection of water lines and associated items, Snow and Ice prevention to roofs and gutters and snow clearance from driveways. Self-limiting cables allow a more flexible installation, as the length can be freely adapted to any requirement.

Power Output

Nominal Power Output at 230V @+10°C	
A	10WSR
B	17WSR
C	25WSR
D	31WSR
E	40WSR



Thermal Ratings: Nominal output of our cables are with the product installed on a metallic pipe. As outlined within IEC 62395 and IEC 60079-30

Technical Summary

Part Number	Output Power @ +10°C (W/m)	Maximum Maintenance Temperature (°C)	Max Length @ +10°C 16/25A (m)	Max Length @ -20°C 16/25A (m)	Dimension (mm)	Weight (kg/100m)
10WSR-PB	10	65	150/220	90/140	13.3x6.0	12.9
10WSR-PF	10	65	150/220	90/140	12.7x5.6	12.4
17WSR-PB	17	65	120/170	70/100	13.3x6.0	12.9
17WSR-PF	17	65	120/170	70/100	12.7x5.6	12.4
25WSR-PB	25	65	100/140	60/85	13.3x6.0	12.9
25WSR-PF	25	65	100/140	60/85	12.7x5.6	12.4
31WSR-PB	31	65	85/120	55/75	13.3x6.0	12.9
31WSR-PF	31	65	85/120	55/75	12.7x5.6	12.4
40WSR-PB	40	65	70/95	60/80	13.3x6.0	12.9
40WSR-PF	40	65	70/95	60/80	12.7x5.6	12.4