

Hott-Wire® SR12 Snow Melting Cable

DATA SHEET

Description:

Hott-Wire® SR12-1 and SR12-2 self-regulating snow melting cables are designed to economically and effectively provide heat to melt snow and ice on surfaces.

Hott-Wire® SR12 cables produces 5 watts per foot at 32 degrees in snow and ice providing reliable heat to melt snow while carrying an industry leading 10yr warranty. SR12-1 Hott-Wire® is

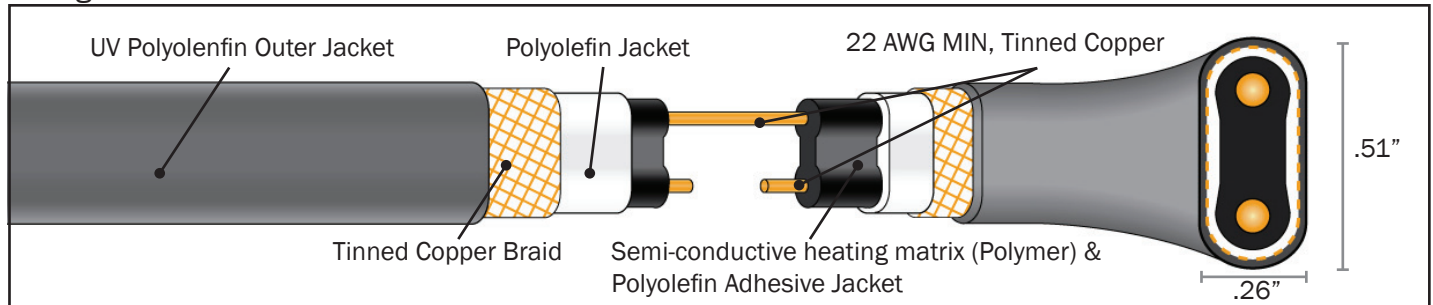
for use with 120 volt power, and SR12-2 Hott-Wire® is for use with 208, 240, 277 volt power. For projects requiring a lower heat output see Hott-Wire® SR9 (9 watts/ft) information sheet.

Hott-Wire® self regulating capability means that as the slab temperature decreases the heat output increases to more effectively melt at lower temperatures.

Conversely as the slab temperature rises Hott-Wire® decreases its heat output saving energy and money.

Hott-Wire® SR12 is a great choice for both Residential and Commercial projects.

Design:



Specifications:

Bus Wire	22 AWG MIN, Tinned Copper
Core & Liner	Semi-conductive heating matrix (Polymer) & Polyolefin Adhesive Jacket
Second Jacket	Polyolefin Jacket
Metallic Shield	Tinned Copper Braid
Outer Jacket	UV Polyolefin Outer Jacket
Minimum Bending Radius	1"
Supply Voltage/s	120 or 208-277 Vac
Max. Maintenance Temperature	185°F (85°C)
Max Intermittent Exposure Temperature	212°F (100°C)
Nominal Power Output at 32°	12 watts/foot
Warranty	10 year limited warranty
Listing Agency	ETL (Intertek Testing Laboratory)

Applications:

Walkways	Bridges	Entrances	Stairs
Driveways	Handicap Ramps (ADA)	Helicopter Pads	Patios

Other Information:

Power Dividing Factor	208 VAC	277 VAC
SR12-2	.96	1.06

Circuit Sizing:			15A CB			20A CB			30A CB		
Model #	Operating Voltage	Watts/ft in Ice/Snow	@ -20° F	@ 0° F	@ 40° F	@ -20° F	@ 0° F	@ 40° F	@ -20° F	@ 0° F	@ 40° F
SR12-1	120 Vac	12	60'	70'	115'	85'	95'	150'	120'	145'	180'
SR12-2	208-277 Vac	12	130'	150'	230'	175'	200'	305'	260'	300'	360'



Note: Ground fault protection must be used when installing all Hott-Wire® SR products. Refer to the NEC or CEC for specific requirements.



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