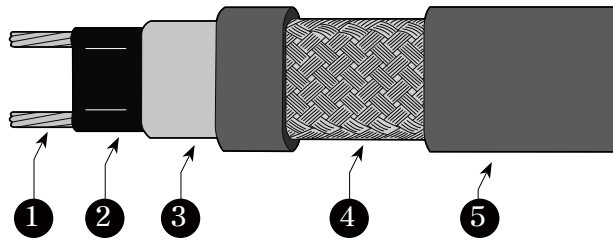XAREX
X A R E X

RPH*-*CR Field Assembled Type

Self−Regulating Heating Cable
Residential Pipe Heating

Product Structure

1. Bus Wires[Nickel−plated Copper / Tinned Copper]

2. Conductive Core [Heating Matrix]

3. Inner Jacket [Modified Polyolefin]

4. Metallic Braid [Tinned Copper]

5. Outer jacket [CR; UV resistant Modified Polyolefin]

RPH electric heating cables are designed for commercial / residential metal and plastic Pipe−heating applications (not intended for use inside any pipes, for freeze protection of liquids other than water, or for use in classified hazardous locations).

Preassembled products are supplied for commercial and residential use.

Specification

Max. Intermittent Exposure Temp. (Heating device energized or de−energized)	85℃(185℉)
Max. Maintain or Continuous Exposure Temp.	65℃(149℉)
Supply Voltage	120 VAC / 208 − 240 VAC
Output Wattage	10, 16W/m (@10℃ on pipe) 3, 5W/ft (@50℉ on pipe)
Bus wire gauge	16 AWG
Min. Bending Radious	40mm(@−40℃) 1.57in(@−40℉)
Min. Installation Temperature	−40 ℃ / −40℉
Protection	NEMA 4X, Type4X, IP66
Outer Jacket Color	Black
Braid Coverage	Minimum 80%
Braid Electrical Resistance	Maximum 0.012Ω/m

*Technical information subject to change without notification.

RPH Data Sheet

Model Type **Definition**

Type	Max m	Max ft	Max A	Max W
RPH10–1CR	80	263	6.1	736
RPH10–2CR	151	496	6.7	1389
RPH16–1CR	60	197	8.2	985
RPH16–2CR	106	348	8.3	1740

RPH☐–☐**CR**

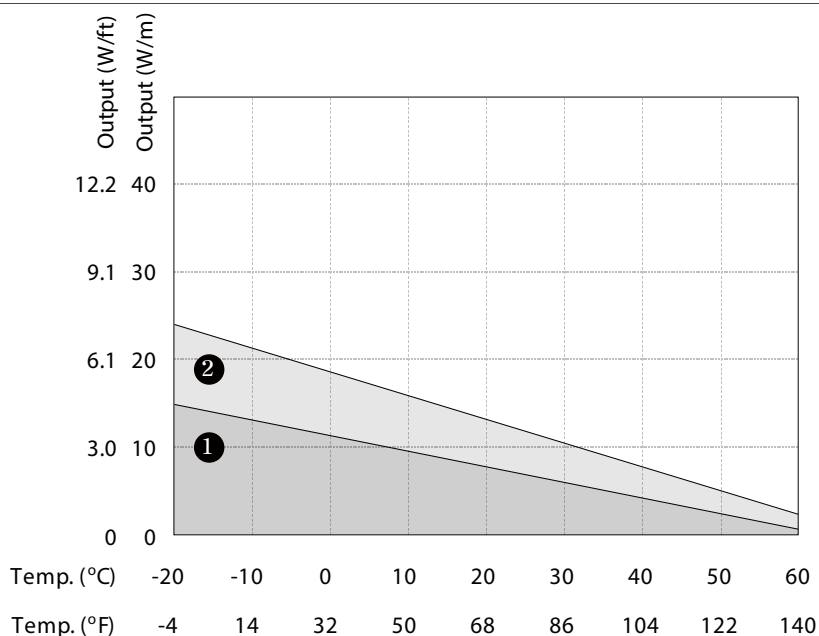— Voltage Rating : 1(120V) / 2(208–240V)
— Output Wattage : 10, 16W/m

Note
1. Electrical equipment T–ratings codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.

Thermal Ouput Ratings on **Insulated Metal Pipes at 240V**

❶ RPH 10
❷ RPH 16

Note
1. Thermal outputs above are tested in accordance with IEEE 515, with each model on a metallic pipe insulated with a fiberglass insulation.

Certification / **Approvals**

c (UL)® us
LISTED

Residential
Pipe Heating Cable
E488383
Parallel–W

*Technical information subject to change without notification.

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