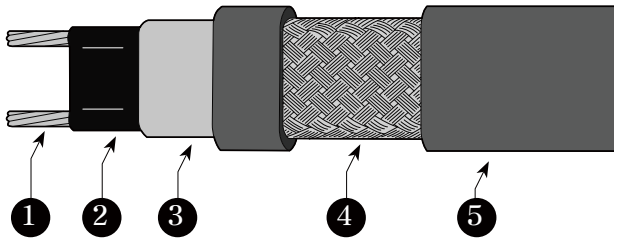
XHT*-2** Field Assembled Type
Self-Regulating Heating Cable
Xarex Heat Trace

up to 85℃

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; Polyolefin CT; Fluoropolymer]

XHT self-regulating heating cable can be used for freeze protection and temperature maintenance up to 85°C. It is suitable for use in the medium temperature range of industrial applications such as pipe freeze protection, vessel heating and process temperature maintenance for pipe or tank up to 85°C.

The XHT cable is approved for use in nonhazardous and hazardous (classified) areas. The CT type outer jacket of this heating cable has high chemical resistance and therefore can be used in the area where organic chemicals or corrosives may be present.

Specification

Max. Intermittent Exposure Temp. (Heating device energized or de-energized)	85°C
Max. Maintain or Continuous Exposure Temp.	65°C
Supply Voltage	208 – 277 VAC
Output Wattage	16, 26, 33, 39W/m (@10℃ on pipe)
Bus wire gauge	16 AWG
Min. Bending Radious	40mm(@-40℃)
Min. Installation Temperature	-40 °C
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.

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Model Type **Definition**

Type	Temp. Class	Max. Exposure Temp.	Max. Operating Temp.
XHT*-2**	T6	85℃	65℃
XHL*-2CT	T4	135℃	110℃
XHM*-2CT	T3	195℃	120℃
XHU*-2CT	T2	210℃	150℃

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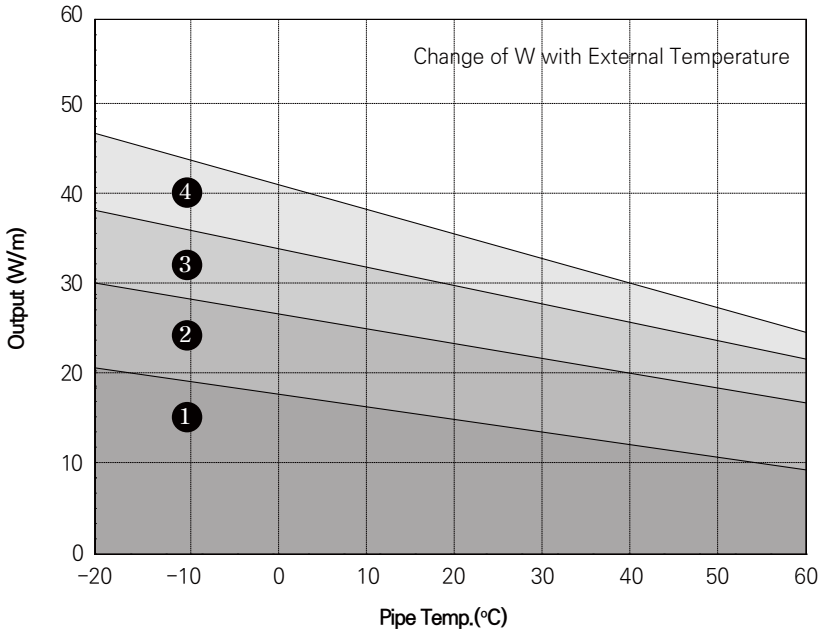
- Outer Jacket : CR, CT
- Output Wattage : 16, 26, 33, 39W/m
- Temp. Class : T(T6), L(T4), M(T3), U(T2)

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**

1. XHT 16
2. XHT 26
3. XHT 33
4. XHT 39



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

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Cable Length According to **Circuit Breaker Selection**

Product Name	Start-up Temp. °C	Max. Length(meter) for Circuit Breaker (A)			
		240V			
		15A	20A	30A	40A
XHT16	-40	66	81	122	149
	-20	72	92	138	149
	0	83	105	149	149
	10	130	149	149	149
XHT26	-40	41	57	87	116
	-20	46	65	97	116
	0	54	73	111	116
	10	81	111	116	116
XHT33	-40	34	47	71	95
	-20	37	53	80	101
	0	41	60	91	101
	10	64	88	101	101
XHT39	-40	32	38	61	80
	-20	39	40	65	87
	0	48	47	70	94
	10	55	58	89	94

Note
1. The circuit length values shown above are for estimation only.
2. Breaker loading must be based on minimum start-up temperature, as heater's start-up current increases as temperature decreases.
3. Total heater length is the total length of heater cable that can be installed on a breaker without tripping either under start-up or operation conditions.
4. Do not exceed maximum recommended series length for each heater shown. More that one maximum series lenght may be parallel conneted on a breaker-do not exceed maximum total recommended breaker heater length shown in table.
5. Values may indicate that multiple heater segments must be installed on the breaker with none of the segments exceeding the maximum segment lengths-as shown in the performance and rating table.

Certification / **Approvals**

FM APPROVED

FM18ATEX0062X
Class I, Div 2, Group A, B, C, D
Class II, Div 1, Group E. F, G

FM18ATEX0062X
Ex II2G Ex eb IIC T6
Ex II2D Ex tb IIIC T85°C

c UL us LISTED

E330224

Accessories

- Connection Kits for Power Connection, Tee Splice, Splice and End Kit(PCK, SCK, ECK)

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