

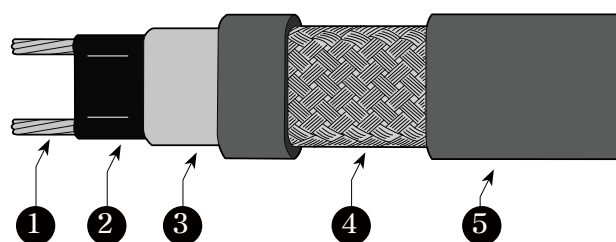
# XHM\*-2CT Field Assembled Type

## Self-Regulating Heating Cable

### Xarex Heat Trace Medium

up to 195°C

#### Product Structure



1. Bus Wires[Nickel-plated Copper]
2. Conductive Core [Heating Matrix]
3. Inner Jacket [Fluoropolymer]
4. Metallic Braid [Tinned Copper]
5. Outer jacket [CT: Fluoropolymer]

XHM self-regulating heating cable can be used for freeze protection and temperature maintenance up to 195°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 195°C.

The XHM 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)	195°C
Max. Maintain or Continuous Exposure Temp.	120°C
Supply Voltage	208 - 277 VAC
Output Wattage	20, 30, 45, 60W/m (@10°C on pipe)
Bus wire gauge	20 to 45 W/m 16 AWG, 60W/m 14 AWG
Min. Bending Radius	40mm(@-40°C)
Min. Installation Temperature	-40 °C
Protection	NEMA 4X, Type4X, IP66
Outer Jacket Color	Yellow
Braid Coverage	Minimum 80%
Braid Electrical Resistance	Maximum 0.012Ω/m
Cable Weight	20 to 45 W/m 140 ± 5g/m, 60 W/m 150 ± 5g/m
Cable Dimensions	12.5 ± 0.2mm x 5.5 ± 0.2mm

\*Technical information subject to change without notification.

## Model Type Definition

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

XH□□-2CT

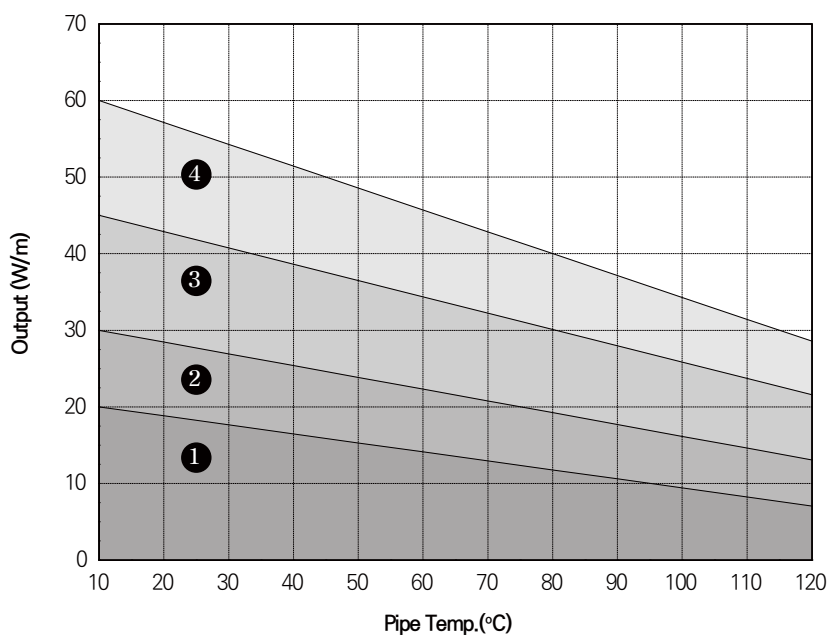
- Outer Jacket : CT
- Output Wattage : 20, 30, 45, 60W/m
- Temp. Class : T(T6), L(T4), M(T3), U(T2)

**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 Output Ratings on Insulated Metal Pipes at 240V

- ① XHM 20
- ② XHM 30
- ③ XHM 45
- ④ XHM 60



**Note**

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

\*Technical information subject to change without notification.

## 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	50A
XHM20	-40	59	79	119	149	149
	-20	60	80	122	149	149
	0	70	94	142	149	149
	10	78	103	147	149	149
XHM30	-40	35	47	71	95	112
	-20	38	51	77	103	112
	0	40	54	81	109	112
	10	43	57	87	112	112
XHM45	-40	27	37	56	75	92
	-20	29	39	59	79	92
	0	32	42	64	85	92
	10	34	45	68	90	92
XHM60	-40	17	23	35	47	59
	-20	19	25	38	52	65
	0	20	27	41	55	69
	10	22	29	44	58	73

### 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 than one maximum series length may be parallel connected 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



IECEX NEP 19.0021U  
Ex eb IIC T3 Gb  
Ex tb IIIC T195°C Db



Ex II 2 GD



GYJ19.1032 U  
Ex b IIC T3 Gb  
Ex tD A21 IP6X T195°C

## Accessories

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

\*Technical information subject to change without notification.