

# OmniTrace Hot

Self-Regulating Heating Cables for all your Freeze Protection and Process Temperature Maintenance needs. Drexan OmniTrace Hot (OTH) is designed to serve the most demanding environments including hazardous and non-hazardous areas, as well as areas where corrosives may be of concern.

## HEATING CABLE CONSTRUCTION



- ← Bus Wires
- ← Conductive Core
- ← Inner Jacket
- ← Metallic Braid
- ← Outer Jacket

OmniTrace Hot (OTH) is designed to maintain temperatures up to 375°F/190° C and can withstand temperatures up to 450°F/232°C. OmniTrace Hot is certified to CSA (CUS) standards for use throughout North America. OmniTrace Hot is suitable for metallic pipes, tanks and vessels.

## APPLICATION

AREA CLASSIFICATION	Non-hazardous and hazardous locations
TRACED SURFACE TYPE	Metal Pipes
CHEMICAL RESISTANCE	Fluoropolymer outer jacket for exposure to organic chemicals or corrosives. For aggressive organics and corrosives, consult your Drexan HeatTracer representative.

## SUPPLY VOLTAGE

OMNITRACE HOT XX-1	100-130 VAC
OMNITRACE HOT XX-2	200-277 VAC


## TEMPERATURE RATING

MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	375°F/190°C
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE, 1000 HRS (POWER ON)	450°F/232°C

## TEMPERATURE ID NUMBER (T-RATING)

Temperature ID numbers are consistent with applicable electrical codes **T2C 230°C**

## APPROVALS

 Class I, Div. 1/2, Groups A, B, C, D  
 Class II, Div. 1/2, Groups E, F, G  
 File 604394 Class III

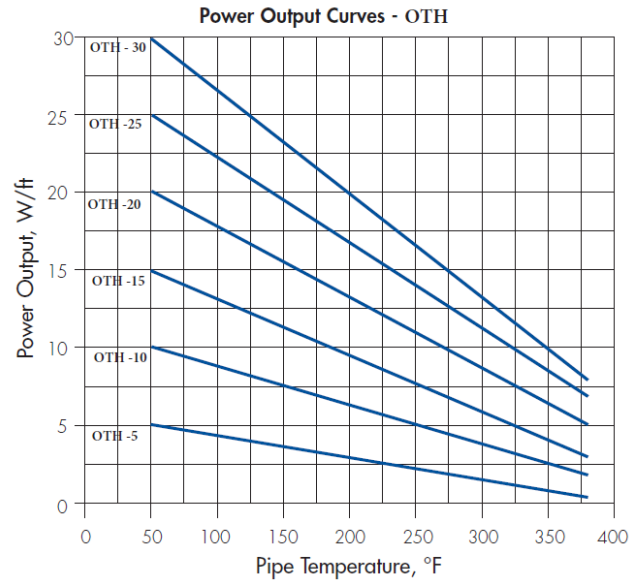
# Trace Heating Redefined

DREXAN ENERGY SYSTEMS OFFERS THE MOST TECHNOLOGICALLY ADVANCED AND STRINGENTLY MANUFACTURED TRACE HEATING SYSTEMS THAT PROVIDE OUTSTANDING COST SAVINGS IN ENGINEERED DESIGN AND FIELD INSTALLATION.



## 120 Volt Circuit Breaker Sizing vs. Max Circuit Length (FT)

Series	Starting Temp.	15A	20A	30A
OTH -5	50°F (10°C)	180	240	335
	0°F (-20°C)	165	220	330
	-50°F (-45°C)	150	200	300
OTH -10	50°F (10°C)	120	160	180
	0°F (-20°C)	105	140	180
	-50°F (-45°C)	90	120	180
OTH -15	50°F (10°C)	80	105	135
	0°F (-20°C)	70	90	135
	-50°F (-45°C)	60	80	120
OTH -20	50°F (10°C)	60	90	120
	0°F (-20°C)	55	70	110
	-50°F (-45°C)	50	65	100
OTH -25	50°F (10°C)	45	60	85
	0°F (-20°C)	40	50	80
	-50°F (-45°C)	40	50	80
OTH -30	50°F (10°C)	40	50	70
	0°F (-20°C)	35	45	70
	-50°F (-45°C)	35	45	70



## 240 Volt Circuit Breaker Sizing vs. Max Circuit Length (FT)

Series	Starting Temp.	15A	20A	30A
OTH -5	50°F (10°C)	360	480	540
	0°F (-20°C)	325	430	540
	-50°F (-45°C)	290	385	540
OTH -10	50°F (10°C)	240	320	360
	0°F (-20°C)	230	305	360
	-50°F (-45°C)	225	300	360
OTH -15	50°F (10°C)	160	210	270
	0°F (-20°C)	140	185	270
	-50°F (-45°C)	120	160	240
OTH -20	50°F (10°C)	115	150	230
	0°F (-20°C)	110	145	220
	-50°F (-45°C)	105	140	210
OTH -25	50°F (10°C)	90	120	170
	0°F (-20°C)	80	100	160
	-50°F (-45°C)	80	100	160
OTH -30	50°F (10°C)	80	100	140
	0°F (-20°C)	70	90	140
	-50°F (-45°C)	70	90	140

## Power Adjustment Factor

Part No.	208 Volts	277 Volts
2010-2	.88	1.14
2020-2	.94	1.08
2030-2	.99	1.01

**GROUND-FAULT PROTECTION:** Drexan / international Electrical Codes require ground-fault protection of equipment and a grounded metallic covering on all heating cables. Ground-fault protection of components and each heating cable branch circuit reduces the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Following are some of the ground-fault breakers that satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEP

### PRODUCT CHARACTERISTICS

MINIMUM BEND RADIUS	@ -40°F (-40°C): 1.72 in. (43.8 mm)
WEIGHT (NOMINAL)	0.87 lb./10 ft. (130 g/m)
HEATING CABLE DIMENSIONS	0.47 x 0.30 in. (12.0 x 7.5 mm)
BUS WIRE SIZE	16 AWG
OUTER JACKET COLOR	Black

**COMPONENTS:** Drexan offers a full range of components for power connections, splices, and end seals. These components must be used in order to ensure proper functioning of the product and compliance with warranty, code and certification requirements.

**FOR HEAT TRACER TECHNICAL ASSISTANCE CALL 1-800-663-6873 (NORTH AMERICA ONLY) OR +1.780.413.1774**