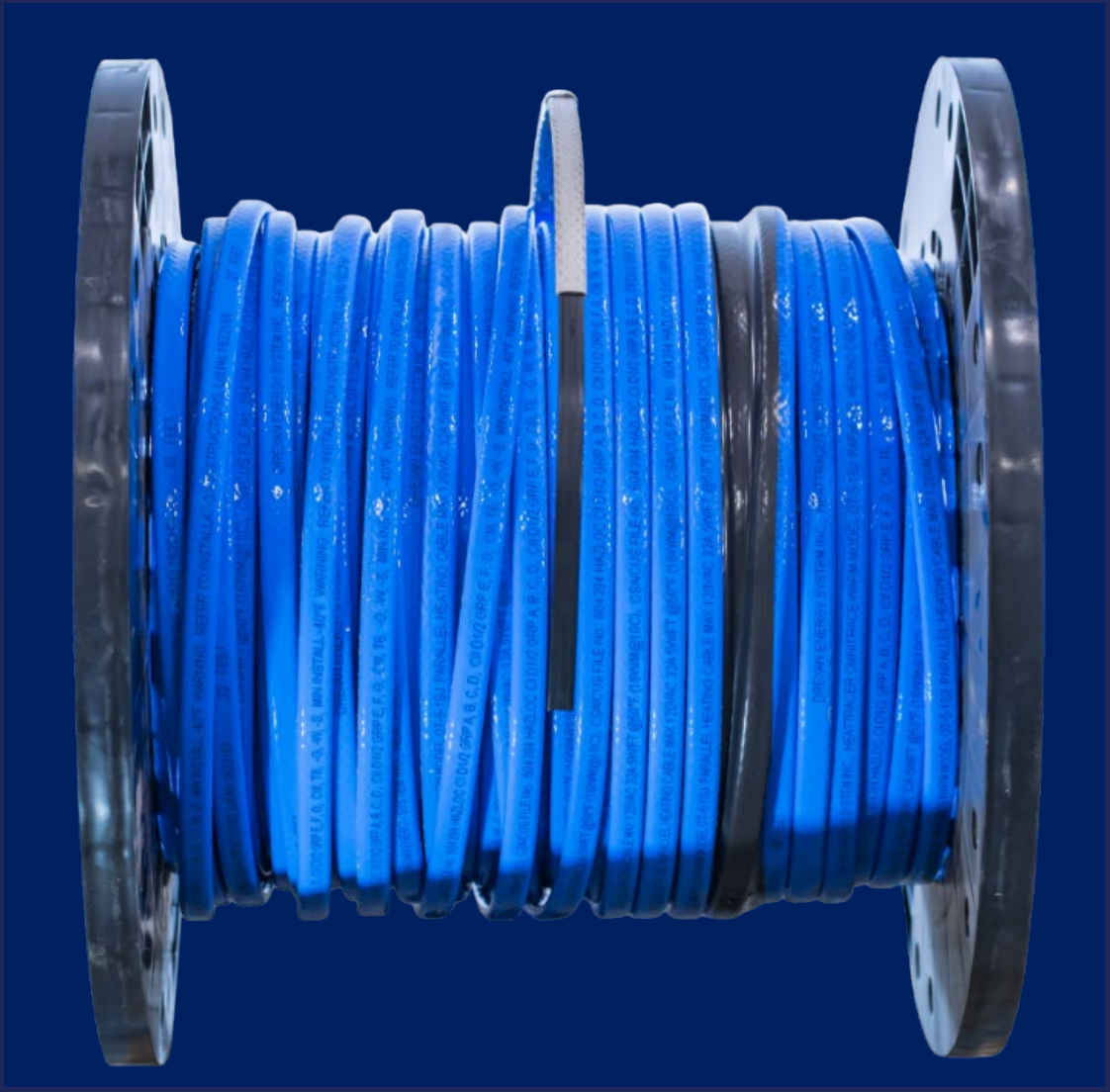
Heat Trace Cables



TEXCAN
A Sonepar Company

DREXAN
ENERGY SYSTEMS

DREXAN
ENERGY SYSTEMS

Proudly Canadian

Drexan's Industrial Trace Heating Systems are at the forefront of innovation.

Drexan Energy Systems, a leader in trace heating innovation, delivers the most technologically advanced and easy-to-install industrial trace heating systems backed by the industry's best warranty. Drexan provides the latest advances in trace heating with quality, rugged, and certified cables which seamlessly integrate with our top-rated AMIGA connection systems.

Trace Heating Redefined.

We are fundamentally redefining how trace heating is installed in the field for industrial applications.

Our trace heating systems provide:

- Pipe freeze protection
- High temperature maintenance
- Process temperature maintenance
- Slab de-icing and frost heave protection
- AMIGA Connection System
- Fire sprinkler freeze protection

Drexan's industrial trace heating systems are engineered to consistently deliver freeze protection and process temperature maintenance.

Available throughout North America, Drexan's industrial trace heating systems leverage the latest innovations in process temperature maintenance and quality improvements for optimal energy efficiency and minimal maintenance serving a diverse mix of sectors, including:

- **Petrochemical, Chemical, Refining and Upgrading**
- **Water and Waste Treatment**
- **Food Processing**
- **LNG**
- **Data Centers**

TEXCAN
A Sonepar Company

AVAILABLE AT TEXCAN

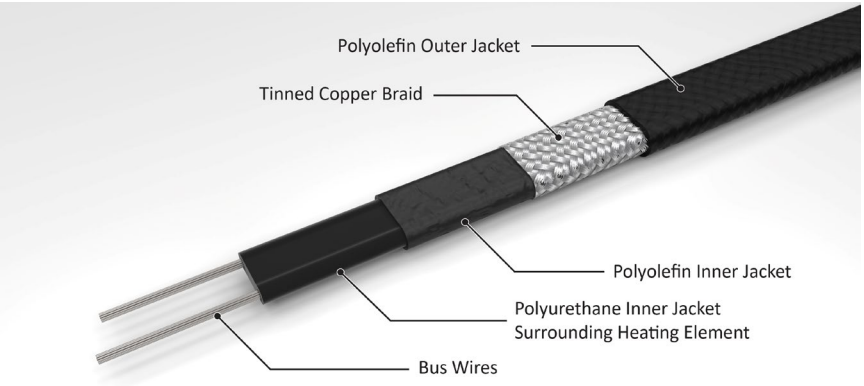
TEXCAN
A Sonepar Company

DREXAN
ENERGY SYSTEMS

MultiTrace®

Self-Regulating Heating Cables for all your Pipe Freeze Protection and Roof/Gutter needs. Drexan HeatTracer MultiTrace is designed to serve the demands of the Commercial, Residential and Industrial non-hazardous markets.

HEATING CABLE CONSTRUCTION



MultiTrace is designed to maintain temperatures up to 150°F/65°C and can withstand temperatures up to 185°F /85°C. MultiTrace is certified to all applicable CSA/UL (CUS) standards for use throughout North America. MultiTrace is suitable for metallic and non-metallic roofs, gutters, pipes, tanks and vessels.

APPLICATION

AREA CLASSIFICATION	Non-hazardous	
TRACED SURFACE TYPE	Metal, Plastic, Asphalt	
SUPPLY VOLTAGE	MULTITRACE XX-**1**	100-130 VAC
	MULTITRACE XX-**2**	208-277 VAC

TEMPERATURE RATINGS		APPROVALS		
MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150˚F/65˚C	C SA® US 231572		
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE, 1000 HRS (POWER-ON)	185˚F/85˚C			
TEMPERATURE ID NUMBER (T-RATING)	T6: 185˚F/85˚C. Temperature ID numbers are consistent with applicable electrical codes	c UL us LISTED *E484945/[1]E480818	G-General Use	Ordinary Locations
MINIMUM INSTALLATION TEMPERATURE	-40˚F/-40˚C			

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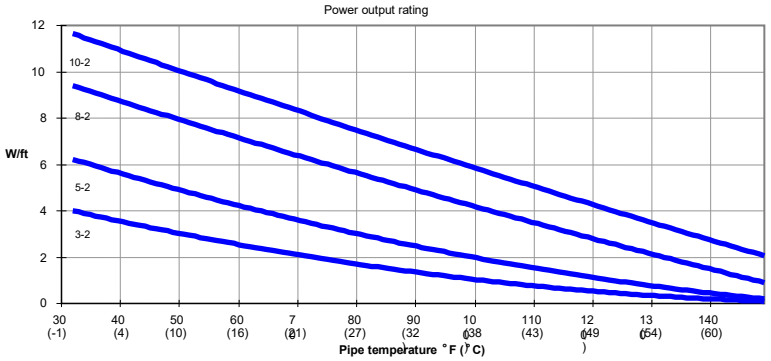
DREXAN ENERGY SYSTEMS

MULTITRACE / PIPE

POWER OUTPUT ADJUSTMENT FACTOR	
208 V	
3-2	0.82
5-2	0.89
8-2	0.94
10-2	0.96
277V	
3-2	1.21
5-2	1.14
8-2	1.07
10-2	

NOMINAL POWER OUTPUT RATING ON METAL PIPES AT 120V / 277V



MAXIMUM CONTINUOUS CIRCUITLENGTH (FT.) PER CIRCUIT BREAKER	START-UP AMBIENT TEMP		120V				240V			
	(F)	(C)	15A	20A	30A	40A	15A	20A	30A	40A
MT3	50	10	335	335	340	345	653	655	662	665
	0	-18	210	267	340		403	525	660	
	-20	-29	180	243	340		348	448	615	
	-40	-40	160	210	320		310	407		
MT5	50	10	235	272	272	272	465	545		545
	0	-18	155	192	272		290	545		
	-20	-29	133	160	255		250	505		
	-40	-40	115	146	215		235	445		
MT8	50	10	155	202	215	215	303	403	427	427
	0	-18	105	135	203		195	267	404	
	-20	-29	90	120	180		178	240	355	
	-40	-40	85	110	158		155	235	320	
MT10	50	10	125	157	182	180	243	315	365	365
	0	-18	80	112	163		155	220	325	343
	-20	-29	70	93	140		148	190	282	343
	-40	-40	65	85	125		127	175	255	343

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. 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 @ 68˚F/20˚C	1.18 in. (30 mm)
WEIGHT (NOMINAL)	0.84 lb./10 ft. (125 g/m)
HEATING CABLE DIMENSIONS	0.51 x 0.22 in. (13.0 x 5.7 mm)

BUS WIRE SIZE	16 AWG
OUTER JACKET COLOR	Black

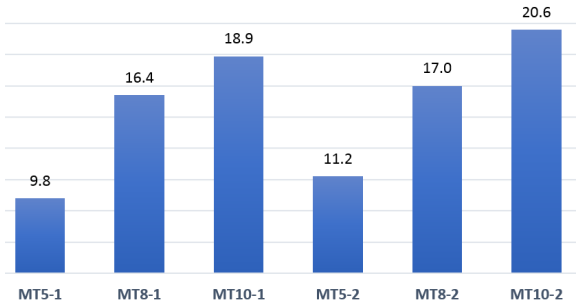
COMPONENTS: Drexan offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with warranty, code and certification requirements.

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

MULTITRACE / ROOF & GUTTER

POWER OUTPUT ADJUSTMENT FACTOR	
208 V	
5-2	0.89
8-2	0.94
10-2	0.96
277 V	
5-2	1.14
8-2	1.07
10-2	

OUTPUT IN WATER @ 33°F (1°C) – W/FT



MAX. CONTINUOUS CIRCUIT (FT) PER CIRCUIT BREAKER	START-UP AMBIENT TEMP.		120V				240V			
	˚F	˚C	15A	20A	30A	40A	15A	20A	30A	40A
MT5-SJP	50	10	190	215	215		385	425	425	
	33	1	160				320			
	14	-10	140	185			275	365		
	-4	-20	120	160			240	320		
MT8-SJP	50	10	120	155	165	165	205	275	335	335
	33	1	100	140			185	245		
	14	-10	90	120			165	215	325	
	-4	-20	80	110	160		150	195	295	
MT10-SJP	50	10	100	130	150	150	100	130	200	265
	33	1	85	115			90	120	180	245
	14	-10	75	100			85	110	165	225
	-4	-20	70	90	140		80	105	155	205

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. 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 @ 68˚F/20˚C	1.18 in. (30 mm)
WEIGHT (NOMINAL)	0.84 lb./10 ft. (125 g/m)
HEATING CABLE DIMENSIONS	0.51 x 0.22 in. (13.0 x 5.7 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 which must be used to ensure proper functioning of the product and compliance with warranty, code and certification requirements.

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

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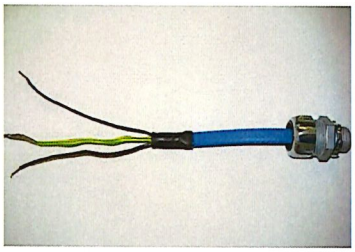
DREXAN ENERGY SYSTEMS

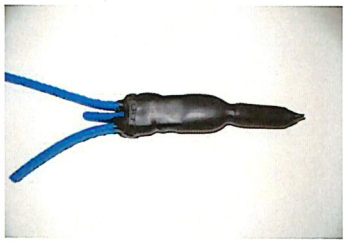
CABLE COMPONENTS

A typical heat tracing system will include cable, cable components and controls as required (see p.1 for Approvals).

HeatShrink® Components



***†HS-PC**
Power Connection
(Junction box not included)



***†HS-TSPLICE**
Splice Kit

***†HS-ESK**
End Seal Kit

HS-JB
Junction Box
(not ATEX/UL approved)

*AMIGA Power / Tee / Splice

AMIGA is an advanced connection system designed for use with the Drexan HeatTracer family of Self-Regulating PipeGuard cables. AMIGA can connect up to three heaters to power or be used as an inline splice (no power) or inline tee (no power).

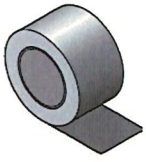
AMIGA consists of a pipe-mounted stanchion and an enclosure (junction box) with terminal blocks mounted on DIN rail. The AMIGA stanchion provides ample room in which installers can manipulate heating cables, has excellent mechanical protection for cables installed on a pipe, and permits application of up to 4 inches (102 mm) of thermal insulation.

AMIGA is CSA/UL (CUS) certified for both non-hazardous and hazardous locations up to Class I Division 2 (Zone 2). AMIGA is not ATEX-approved.

Cable Fastening Accessories

Roof Clip, RC50

Downspout Cable Support, MT-CS



Aluminum Foil Tape, TAPE-AL

TEXCAN
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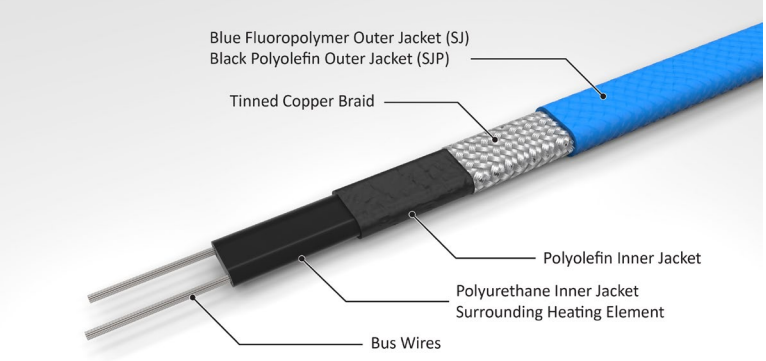
DREXAN ENERGY SYSTEMS

PipeGuard® Warm

Self-Regulating Heating Cables for all your Freeze Protection needs. Drexan HeatTracer PipeGuard Warm 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



PipeGuard Warm is designed to maintain temperatures up to 150°F/65°C and can withstand temperatures up to 185°F /85°C. PipeGuard Warm is certified to all applicable CSA/UL (CUS) standards for use throughout North America, as well as ATEX 2014/34/EU for global applications. PipeGuard Warm is suitable for metallic and non-metallic pipes, tanks and vessels.

APPLICATION

AREA CLASSIFICATION	Non-hazardous and hazardous locations	
TRACED SURFACE TYPE	Metal and Plastic	
CHEMICAL RESISTANCE (OUTER JACKET)	SJ: Fluoropolymer for exposure to organic chemicals or corrosives SJP: Modified polyolefin for exposure to aqueous inorganic chemicals For aggressive organics and corrosives: consult your Drexan representative.	
SUPPLY VOLTAGE	PIPEGUARD XX-**1**SJ(P) PIPEGUARD XX-**2**SJ(P)	100-130 VAC 208-277 VAC

TEMPERATURE RATINGS

MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150˚F/65˚C
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE	185˚F/85˚C
TEMPERATURE ID NUMBER (T-RATING)	T6: 185˚F/85˚C Temperature ID numbers are consistent with applicable electrical codes
MINIMUM INSTALLATION TEMPERATURE	-40˚F/˚C

APPROVALS

CE 2503

Ex II 2G Ex e IIC T6 Gb 12ATEX3095X

SP® C US 231572
Class I, Div. 1/2, Groups A, B, C, D
Class II, Div. 1/2, Groups F, G
Class II, Div. 1, Group E

c UL us LISTED E484945 E471335
SJ only Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F, G
Class III

c UL LISTED E471335
SJ only Class I, Groups B, C, D
Class II, Groups E, F, G

TEXCAN
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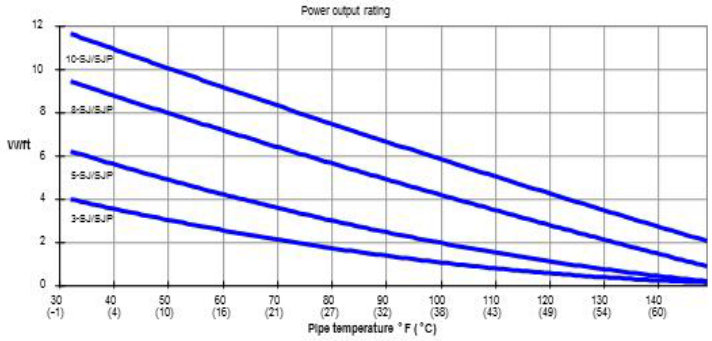
DREXAN
ENERGY SYSTEMS

NOMINAL POWER OUTPUT RATING ON METAL PIPES AT 120V / 277V

POWER OUTPUT ADJUSTMENT FACTOR	
208 V	
3-SJ / SJP	0.82
5-SJ / SJP	0.89
8-SJ / SJP	0.94
10-SJ / SJP	0.96
277V	
3-SJ / SJP	1.21
5-SJ / SJP	1.14
8-SJ / SJP	1.07
10-SJ / SJP	



MAXIMUM CONTINUOUS CIRCUIT LENGTH (FT.) PER CIRCUIT BREAKER	START-UP AMBIENT TEMP		120V				240V			
	(F)	(C)	15A	20A	30A	40A	15A	20A	30A	40A
3-SJ / SJP	50	10	335		340	345	653	655	662	665
	0	-18	210	267			403	525		
	-20	-29	180	243			348	448	660	
	-40	-40	160	210	320		310	407	615	
5-SJ / SJP	50	10	235	272	272	272	465	545	545	545
	0	-18	155	192			290	385		
	-20	-29	133	160	255		250	335	505	
	-40	-40	115	146	225		235	301	445	
8-SJ / SJP	50	10	155	202	215	215	303	403	427	427
	0	-18	105	135	203		195	267	404	
	-20	-29	90	120	180		178	240	355	
	-40	-40	85	110	158		155	235	320	
10-SJ / SJP	50	10	125	157	182	183	243	315	365	365
	0	-18	80	112	163	180	155	220	325	
	-20	-29	70	93	140		148	190	282	
	-40	-40	65	85	125		127	175	255	343

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. 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	SJ	SJP
MINIMUM BEND RADIUS @ 68˚F/20˚C	1.18 in. (30 mm)	1.18 in. (30 mm)
WEIGHT (NOMINAL)	0.87 lb./10 ft. (130 g/m)	0.84 lb./10 ft. (125 g/m)
HEATING CABLE DIMENSIONS	0.50 x 0.22 in. (12.8 x 5.5 mm)	0.51 x 0.22 in. (13.0 x 5.7 mm)
BUS WIRE SIZE	16 AWG	16 AWG
OUTER JACKET COLOR	Blue	Black

COMPONENTS: Drexan offers a full range of components for power connections, splices, and end seals. These components must be used 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

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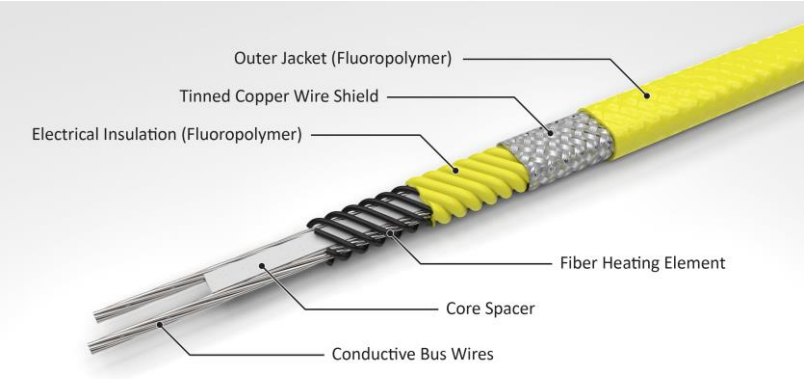
DREXAN ENERGY SYSTEMS

PipeGuard® Hot

Self-Regulating Heating Cables for all your Freeze Protection and Process Temperature Maintenance needs. Drexan HeatTracer PipeGuard Hot (PGH) 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



PipeGuard Hot is designed to maintain temperatures up to 250°F/121°C and can withstand temperatures up to 482°F/250°C. PipeGuard Hot is certified to all applicable CSA (CUS) standards for use throughout North America, as well as ATEX for global applications. PipeGuard 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

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

TEMPERATURE RATING

MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	250˚F/121˚C

MAXIMUM EXPOSURE TEMPERATURE

INTERMITTENT (POWER ON)	446˚F/230˚C
INTERMITTENT (POWER OFF)	482˚F/250˚C
CONTINUOUS (POWER OFF)	400˚F/204˚C

TEMPERATURE ID NUMBER (T-RATING) Temperature ID numbers are consistent with applicable electrical codes

T2C: PGH20-2-SJ, PGH15-2-SJ
T2D: PGH20-1-SJ, PGH15-1-SJ
T3: PGH5-1-SJ, PGH5-2-SJ, PGH10-1-SJ, PGH10-2-SJ

APPROVALS

CE 0518
Ex II 2G Ex e IIC T6 Gb
Sira 12ATEX3095X

C SP® US
231572
Class I, Div. 1/2, Groups A, B, C, D
Class II, Div. 1/2, Groups E, F, G
Class III

TEXCAN
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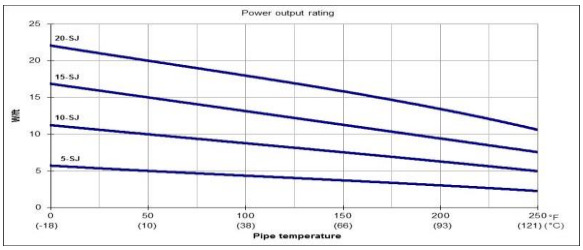
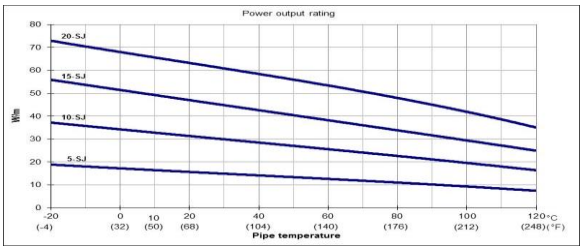
DREXAN
ENERGY SYSTEMS

Nominal Power Output Rating on Metal Pipes at 120V / 240V





MAXIMUM CONTINUOUS CIRCUIT LENGTH (FT.) PER CIRCUIT BREAKER

START-UP AMBIENT TEMP			120V					240V				
	(F)	(C)	15A	20A	30A	40A	50A	15A	20A	30A	40A	50A
5SJ	50	10	210	285	375	375	375	425	570	750	750	750
	32	0	205	270	375	375	375	410	545	750	750	750
	14	-10	195	260	375	375	375	390	520	750	750	750
	0	-18	185	250	375	375	375	375	505	750	750	750
	-20	-29	180	240	360	375	375	360	480	720	750	750
	-40	-40	170	230	345	375	375	345	460	690	750	750
10SJ	50	10	115	155	235	280	280	235	315	470	560	560
	32	0	110	150	225	280	280	225	300	450	560	560
	14	-10	105	145	215	280	280	215	290	435	560	560
	0	-18	105	140	210	280	280	210	280	420	560	560
	-20	-29	100	135	200	270	280	200	270	405	540	560
	-40	-40	95	130	195	260	280	195	260	390	520	560
15SJ	50	10	75	105	155	210	230	155	210	315	420	460
	32	0	75	100	150	200	230	150	200	305	405	460
	14	-10	70	95	145	195	230	145	195	290	390	460
	0	-18	70	95	140	190	230	140	190	285	380	460
	-20	-29	65	90	135	180	225	135	180	270	365	455
	-40	-40	65	85	130	175	215	130	175	260	350	435
20SJ	50	10	50	70	105	140	175	120	160	240	320	385
	32	0	50	65	100	135	170	115	150	230	305	385
	14	-10	45	65	95	130	165	110	145	220	295	370
	0	-18	45	60	95	125	160	105	145	215	290	365
	-20	-29	45	60	90	120	155	105	140	210	280	350
	-40	-40	45	60	90	120	150	100	135	205	270	340

Circuit Length Adjustment Factor		
	208V	277V
5SJ	0.94	1.02
10SJ	0.96	1.02
15SJ	0.94	1.03
20SJ	0.93	1.07

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 in. x 0.30 in. (12.0 mm x 7.5 mm)
BUS WIRE SIZE	14 AWG
OUTER JACKET COLOR	Yellow

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

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DREXAN
ENERGY SYSTEMS

AMIGA

HIGH PROFILE COMPONENTS

*AMIGA-1 AMIGA-3 *AMIGA-LE *AMIGA-E

The AMIGA family of High Profile Components is for installation with Drexan's Self-Regulating Heating Cables - PipeGuard Warm, PipeGuard Hot and MultiTrace. The Components meet NEMA 4 requirements and can be installed in temperatures as low as minus 40 degrees. Enclosures come pre-drilled to accept a ¾" NPT threaded hub.

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEP.

APPROVALS

C SP® US
231572

C UL US
LISTED
E484945

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

* CSA/CUS Certified only

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

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DREXAN
ENERGY SYSTEMS

AMIGA-1

AMIGA-1 is a CSA/(CUS) certified connection system designed for use with Drexan HeatTracer Self-Regulating PipeGuard Heater Cables.

AMIGA-1 connects a PipeGuard Heater Cable to power and consists of a pipe-mounted Stanchion and an Enclosure (junction box) complete with a DIN rail mounted Terminal Block.

The Stanchion provides excellent mechanical protection for Heater Cable installed on a pipe and permits application of up to 4 inches (102 mm) of thermal insulation. The Enclosure provides ample room for installers to manipulate the Heating Cable.

Grounding of the Heating Cable is achieved quickly and easily with no requirement for "pig-tailing" the ground braid. Hot work permits are not required to install AMIGA-1 due to the Cold-Applied Core Sealer supplied with the kit.

SPECIFICATIONS

Heating Cables	PipeGuard Hot (PGH), PipeGuard Warm (PGW), MultiTrace (MT)
Enclosure Ingress Protection Rating	NEMA 4X, IP 66
Minimum Installation Temperature	-40°C/-40°F
Maximum Pipe Temperature	260°C/500°F
Maximum/Minimum Conductor Size	22 - 8 AWG.
Minimum Operating Temperature	-50°C/-60°F
Circuit Breaker Rating (Amps, Max.)	50 A
Maximum Operating Voltage	277 VAC

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEP.

APPROVALS

C SP® US
231572

Class I, Div. 2, Groups A, B, C, D
class II, Div. 2, Groups E, F, G
Class III

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AMIGA-3

AMIGA-3 is a CSA/UL (CUS) certified connection system designed for use with Drexan HeatTracer PipeGuard Self-Regulating Heating Cables. AMIGA-3 can connect up to 3 heating cables to power or be used as an Inline Splice (no power) or Inline Tee (no power).

The AMIGA-3 system consists of a pipe-mounted Stanchion and an Enclosure (junction box) complete with a DIN rail mounted Terminal Block.

The Stanchion provides excellent mechanical protection for cables installed on a pipe, and permits application of up to 4 inches (102 mm) of thermal insulation. The Enclosure provides ample room in which installers can manipulate heating cables.

Grounding of the heating cables is achieved quickly and easily with no requirement for "pig-tailing" the ground braids. Hot work permits are not required to install AMIGA due to the Cold-Applied Core Sealers provided with the kit.

SPECIFICATIONS

Heating Cables	PipeGuard Hot (PGH), PipeGuard Warm (PGW), MultiTrace (MT)
Enclosure Ingress Protection Rating	NEMA 4X, IP 66
Minimum Installation Temperature	-40°C/-40°F
Maximum Pipe Temperature	260°C/500°F
Maximum/Minimum Conductor Size	22 - 8 AWG.
Minimum Operating Temperature	-50°C/-60°F
Circuit Breaker Rating (Amps, Max.)	50 A
Maximum Operating Voltage	277 VAC

GROUND-FAULT PROTECTION: Global Electrical Codes require ground-fault protection of components and each heating cable branch circuit to reduce the danger of fire caused by continuous electrical arcing resulting from improper installation or damage to the heating cable. Conventional circuit protection may not be suitable for preventing electrical arcing. The following ground-fault breakers or equivalent will satisfy this equipment protection requirement: Square D Type QOB-EPD or QO-EPD and Cutler Hammer (Westinghouse) Type QBGFEP.

APPROVALS

C SP® US
231572

C UL US LISTED

Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups E, F, G
Class III
Trace Heating System for HazLoc
PipeGuard Warm and MultiTrace

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ENERGY SYSTEMS

AMIGA-E

AMIGA-LE

AMIGA End Seals provide a dependable method of terminating PipeGuard Self-Regulating Heating Cables. The End Seal consists of a pipe mounted Stanchion and a Cap which is available in either a lighted or non-lighted version. The AMIGA End Seals are made from high-performance materials which resist impact, high temperature and chemical exposure. The Stanchion provides excellent mechanical protection for cables installed on a pipe and allows for up to 4 inches (102mm) of thermal insulation. The AMIGA-LE is designed with 6 arrays of 8 LED's to be visibly distinct even under bright ambient conditions. Both End Seals come with pipe mounting hardware.

SPECIFICATIONS

Ordering Part Nos.	AMIGA-E (NON-LIGHTED)	AMIGA-LE (LIGHTED)
Heating Cables	PIPEGUARD HOT (PGH), PIPEGUARD WARM (PGW), MULTITRACE (MT)	
Ingress Protection Rating	NEMA 4X (IP66)	
Minimum Installation Temp.	-40 F (-40°C)	
Max. Exposure (pipe) Temp.	500 F (260 C)	
Operating Voltage	120-277 VOLT	
Dimensions	2.8" X 10.25" (71MM X 260MM)	
Max. Power Consumption	N/A	4 WATTS @ 277V

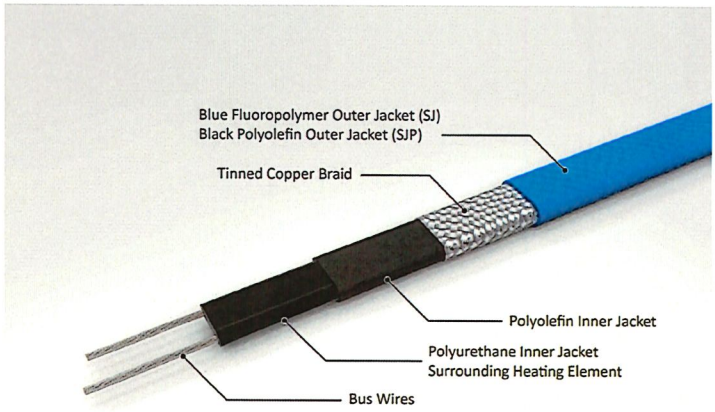
APPROVALS

C SP® US
231572

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

Why install Drexan's trace heating cables for Industrial applications?

- **Tightest Wattage Tolerances:** Drexan heating cables provide both 'minus zero' wattage output tolerances and the tightest wattage tolerances of -0+10%.
- **Field Customizable:** Cables can be cut to the desired length during installation, allowing for quick and easy customization to specific project requirements.
- **Energy Efficiency:** Self-regulating technology ensures that energy is used only when necessary, reducing operational costs.
- **Drexan Designer+ Software:** Capable of designing Electrical Heat Trace circuits for an entire refinery.
- **Longer Lifespan:** Drexan cables technologically advanced design offers up to 20-40% longer life compared to standard heating cables.
- **Certified Quality:** Our products meet CSA (CUS) and UL standards for use throughout North America, making them suitable for both metal and non-metal roofs, gutters, pipes, tanks, and vessels.
- **Industry Leading Connection Systems:** AMIGA is the fastest, safest, easiest, and most reliable way to connect PipeGuard Self-Regulating Heating Cables to power for installations above thermal insulation.



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Download

Design Worksheet - determine which heating system will work best for process temperature maintenance.

PipeGuard Warm Specification Sheet

PipeGuard Hot Specification Sheet

HotTape Specification Sheet

Mineral Insulated Copper Cable Specification Sheet

AMIGA Connection System

Drexan Designer+

Access our professional heating design software by contacting our Techline.

Call our TechLine to access our skilled heat trace experts at 1-800-663-6873.

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For more information or to discuss your specific needs, please contact us:

Drexan Energy Systems
110 - 2350 Acland Road
Kelowna, BC V1X 6N6

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