

# DREXAN™ HeatTracer



## PipeGuard Hot

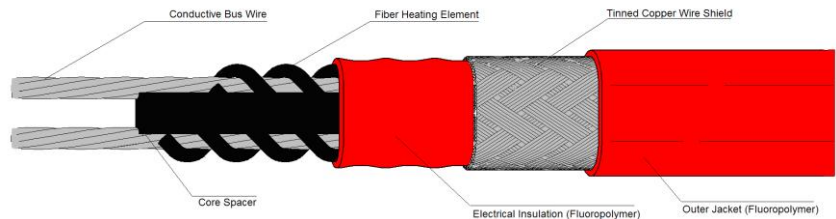
### Self Regulating Heating Cable

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

PipeGuard Hot is designed to maintain temperatures up to 250°F (121°C) and can withstand temperatures up to 446°F (230°C). PipeGuard Hot is certified to all applicable CSA standards for use throughout North America. PipeGuard Hot is suitable for metallic pipes, tanks and vessels.

### Heating Cable Construction

#### Heating element



#### 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 intermittent exposure temperature, 1000 hours (power on)	446°F (230°C)

#### Temperature ID Number (T-Rating)

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  
 Temperature ID numbers are consistent with all North American electrical codes

#### Approvals

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



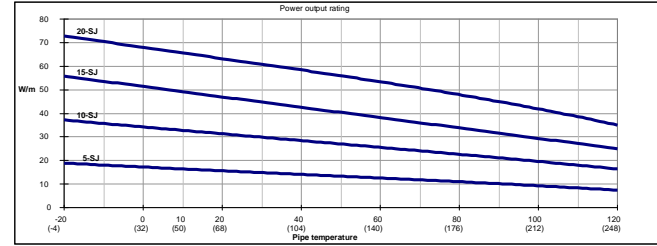
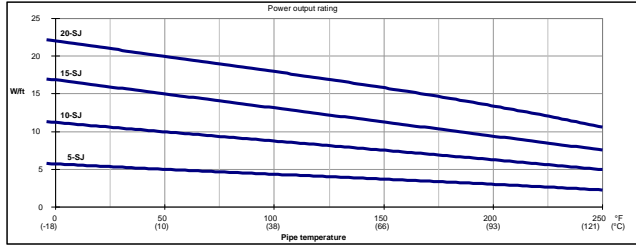
#### Design and Installation

For design and installation assistance: contact Drexan™ Technical Support at 1-800-663-6873

Heating Cables

## PipeGuard Hot

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



### Maximum Circuit Lengths Based on Circuit Breaker Sizes

#### Maximum continuous circuit length (in feet) per circuit breaker

Start-up ambient temp (F) (C)	120V					240V					
	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	

#### Ground-Fault Protection

Drexan™ and National Electrical Codes both 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 (lb per 10 ft, nominal)	0.87 (130 g/m)
Buss wire size	14 AWG
Outer jacket color	Red
Heating cable dimensions	0.45 in x 0.29 in (11.4 mm x 7.3 mm)

#### 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.