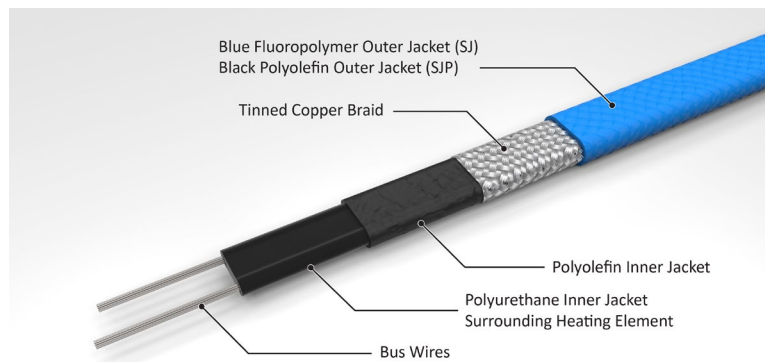


PipeGuard® Warm

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-1SJ(P) PIPEGUARD XX-2SJ(P)	100-130 VAC 208-277 VAC

TEMPERATURE RATINGS		APPROVALS	
MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150°F/65°C	 2503	 II 2G Ex e IIC T6 Gb 12ATEX3095X
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE	185°F/85°C	 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
TEMPERATURE ID NUMBER (T-RATING)	T6: 185°F/85°C Temperature ID numbers are consistent with applicable electrical codes	 E484945 E471335	SJ only Class I, Div. 2, Groups A, B, C, D Class II, Div. 2, Groups F, G Class III
MINIMUM INSTALLATION TEMPERATURE	-40°F/°C	 E471335	SJ only Class I, Groups B, C, D Class II, Groups E, F, G

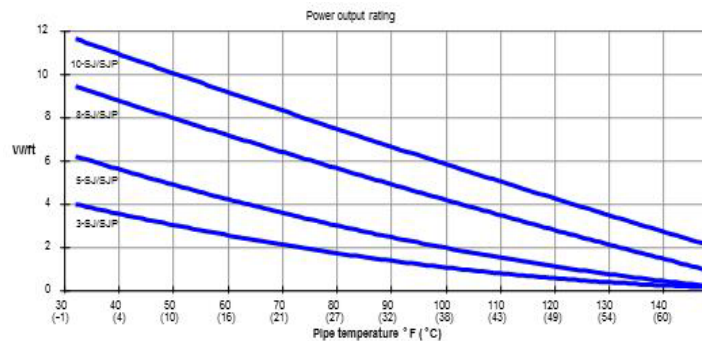
Trace Heating Redefined

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.



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	1.07



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