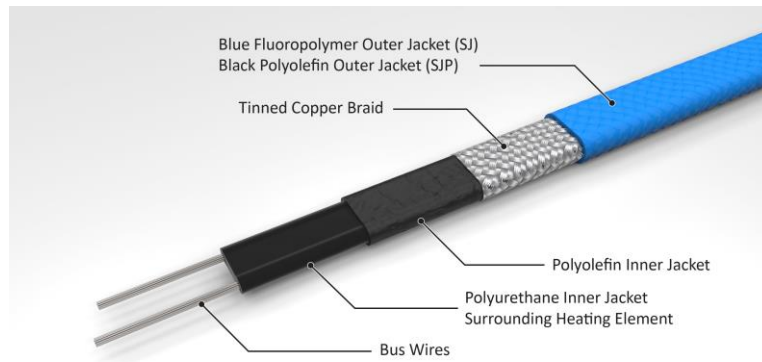


PipeGuard® Warm

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.

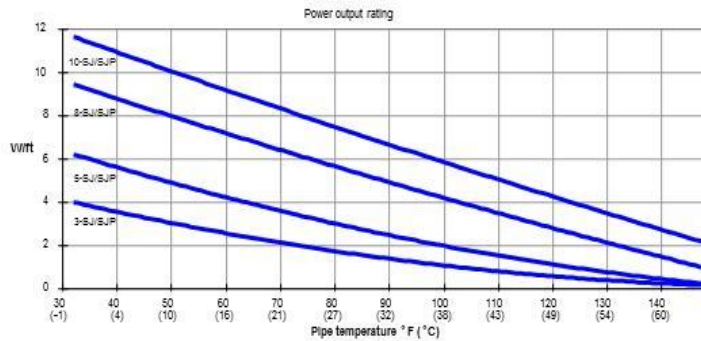
APPLICATION

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

TEMPERATURE RATINGS		APPROVALS	
MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150°F/65°C	CE 2503	II 2G Ex e IIC T6 Gb 12ATEX3095X Class I, Div. 1/2, Groups A, B, C, D Class II, Div. 1/2, Groups E, F, G Class III General Use Ordinary Locations E484945/E480818
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE, 1000 HRS (POWER-ON)	185°F/85°C	 C US 231572	
TEMPERATURE ID NUMBER (T-RATING)	T6: 185°F/85°C. Temperature ID numbers are consistent with applicable electrical codes	 C US LISTED	
MINIMUM INSTALLATION TEMPERATURE	-40°F/°C		

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				
			15A	20A	30A	40A	15A	20A	30A	40A	
	(F)	(C)									
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	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	180	183	243	315	365	365
	0	-18	80	112	163		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 QBGEP.

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