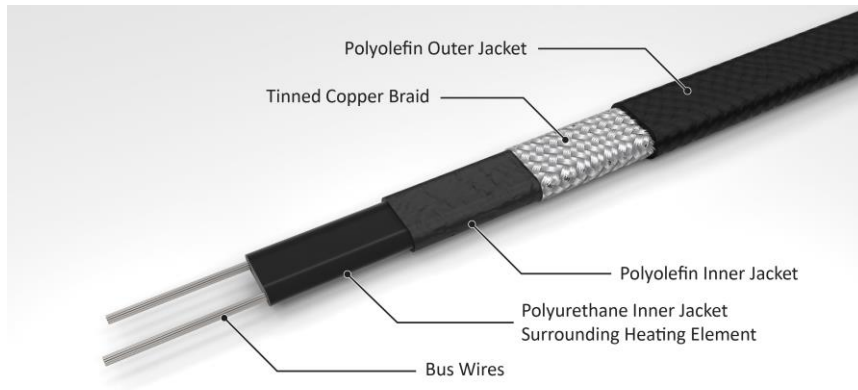


MultiTrace®

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, as well as ATEX 2014/34/EU for global applications. MultiTrace is suitable for metallic and non-metallic roofs, gutters, pipes, tanks and vessels.

APPLICATION

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

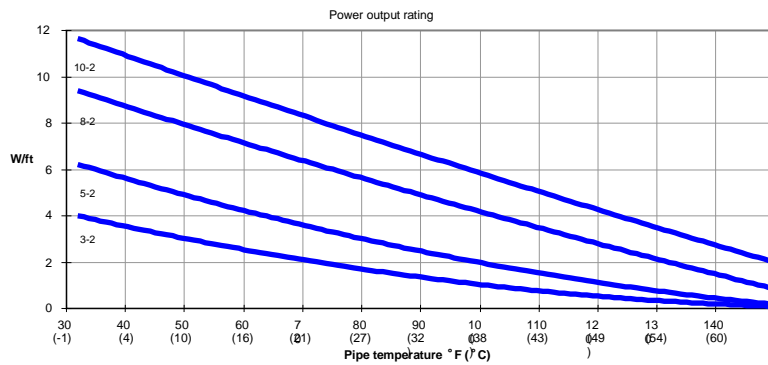
TEMPERATURE RATINGS		APPROVALS	
MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150°F/65°C	CE 2503	
MAXIMUM INTERMITTENT EXPOSURE TEMPERATURE, 1000 HRS (POWER-ON)	185°F/85°C	Ex II 2G Ex e IIC T6 Gb	12ATEX3095X
TEMPERATURE ID NUMBER (T-RATING)	T6: 185°F/85°C. Temperature ID numbers are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

*E484945/1E480818

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 CIRCUIT (FEET) PER CIRCUIT BREAKER	START-UP AMBIENT TEMP.		120V				240V				
	°F	°C	15A	20A	30A	40A	15A	20A	30A	40A	
MT3	50	10	335	335	335	335	665	665	665	665	
	32	0	295				590				
	14	-10	245	330			495	660			
	0	-18	215	290			435	580			
	-20	-29	185	245			370	495			
	-40	-40	160	215			320	430			645
MT5	50	10	225	275	275	275	455	550	550	550	
	32	0	190	255			385	510			
	14	-10	165	220			330	440			550
	0	-18	145	195			295	395			515
	-20	-29	125	170			255	340			450
	-40	-40	110	150			225	300			450
MT8	50	10	145	195	215	215	215	285	430	435	
	32	0	125	170			185	250	375		
	14	-10	110	145			165	220	335		
	0	-18	100	135			150	205	305		410
	-20	-29	90	120			135	185	275		370
	-40	-40	80	105			125	165	250		335
MT10	50	10	100	130	185	185	100	135	200	265	
	32	0	90	120	180		90	120	180	245	
	14	-10	80	110	165		85	110	165	225	
	0	-18	75	100	155		75	105	155	210	
	-20	-29	70	90	140		70	95	145	195	
	-40	-40	60	85	125		65	90	135	180	

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

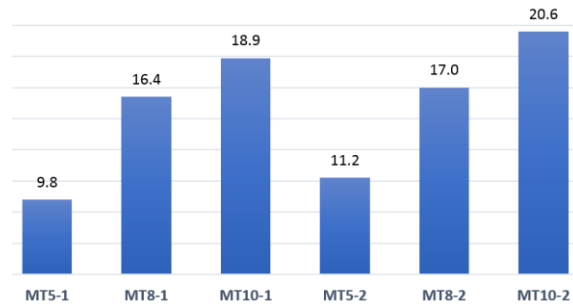
COMPONENTS: Drexan offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with warranty, code and certification requirements.

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	1.07

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
	50	10	190	215	215		385	425	425	
MT5-SJP	33	1	160	185	215	320	425	425		
	14	-10	140			275	365			
	-4	-20	120			240	320			
	50	10	120			155	165			205
MT8-SJP	33	1	100	140	185	245				
	14	-10	90	120	165	215		325		
	-4	-20	80	110	150	195		295		
	50	10	100	130	150	100	130	200	265	
MT10-SJP	33	1	85	115		90	120	180	245	
	14	-10	75	100		85	110	165	225	
	-4	-20	70	90		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.

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BUS WIRE SIZE 16 AWG

OUTER JACKET COLOR Black

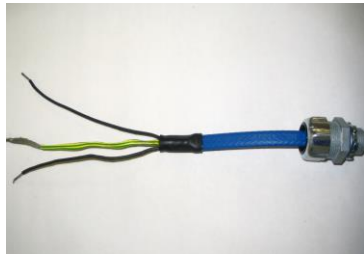
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CABLE COMPONENTS

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-TSPICE**
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.

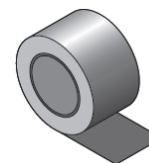
Cable Fastening Accessories



Roof Clip, RC50



Downspout Cable Support, MT-CS



Aluminum Foil Tape, TAPE-AL