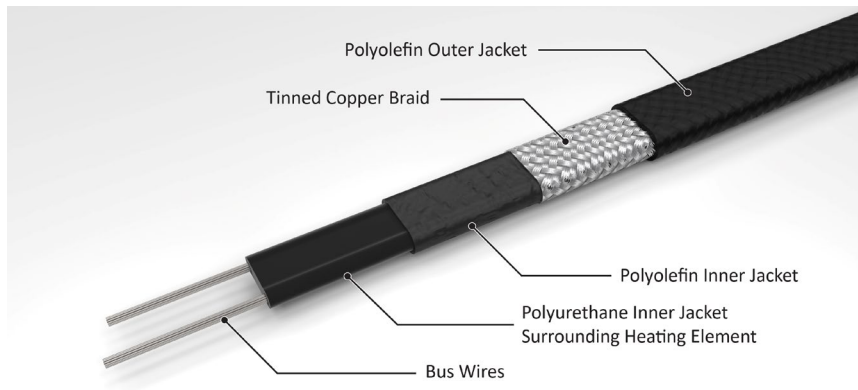


MultiTrace®

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

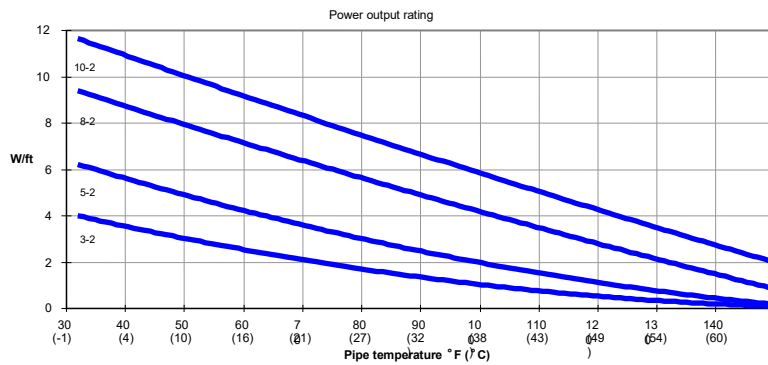
AREA CLASSIFICATION	Non-hazardous	
TRACED SURFACE TYPE	Metal, Plastic, Asphalt	
SUPPLY VOLTAGE	MULTITRACE XX-1	100-130 VAC
	MULTITRACE XX-2	208-277 VAC

TEMPERATURE RATINGS		APPROVALS	
MAXIMUM MAINTAIN OR CONTINUOUS EXPOSURE TEMPERATURE (POWER ON)	150°F/65°C	  *E484945/°E480818	G-General Use Ordinary Locations
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		
MINIMUM INSTALLATION TEMPERATURE	-40°F/-40°C		

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 QBGFEF.

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

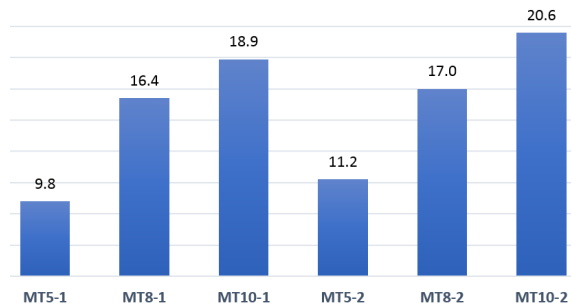
COMPONENTS: Drexan offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with warranty, code and certification requirements.

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	215	385	425	425	425
	33	1	160				320			
	14	-10	140	275			365			
	-4	-20	120	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

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