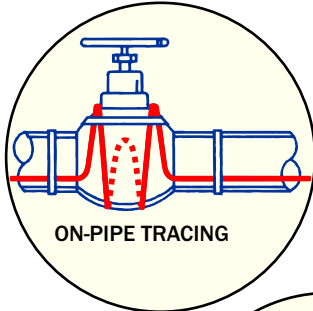


THE SOLUTION



SERGE BARIL HEAT TRACING CABLES



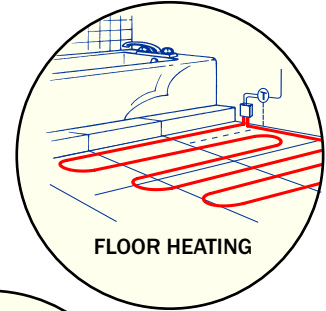
ON-PIPE TRACING

INDUSTRIAL AND COMMERCIAL MARKETS CANADIAN PRICE LIST

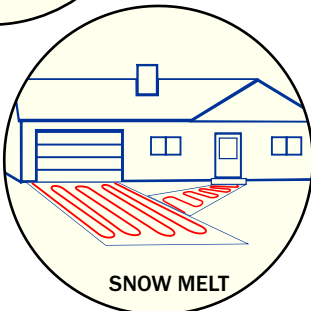
Suggested Resale Net Price Schedule

Prices exclude all taxes — See terms and conditions of sale

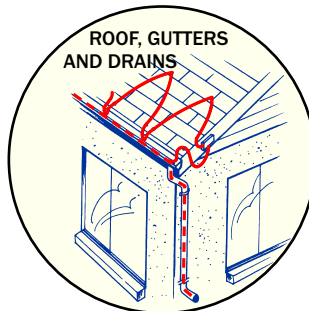
Effective: FEBRUARY 1, 2011



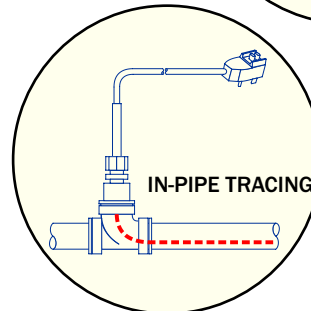
FLOOR HEATING



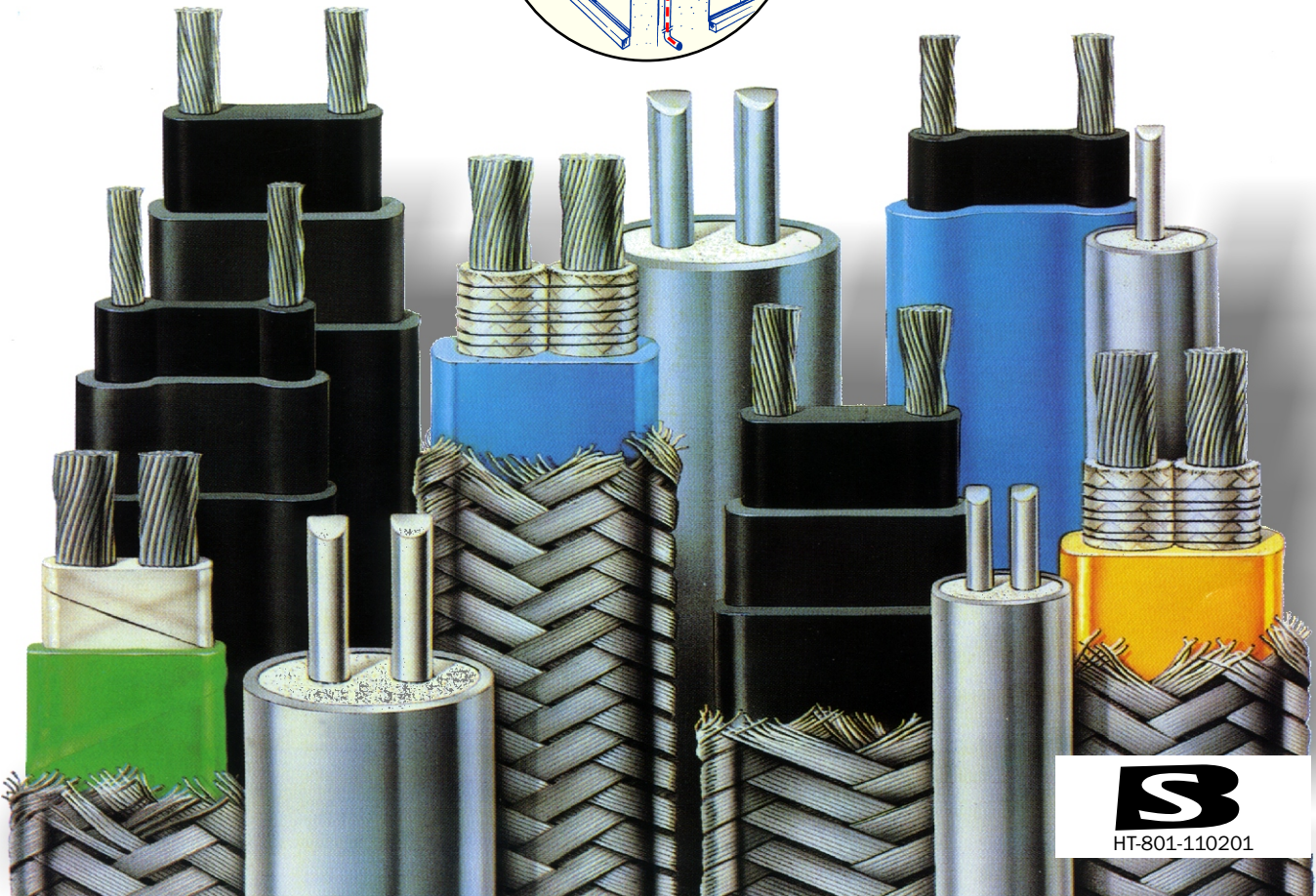
SNOW MELT



ROOF, GUTTERS
AND DRAINS



IN-PIPE TRACING



HT-801-110201

SERGE BARIL HEAT TRACING

5310 des Laurentides Blvd.,
Laval, QC Canada H7K 2J8

Tel: (450) 622-7587

Fax: (450) 622-7869

serge@baril.ca

www.baril.ca

Self-Regulating Heater Cable

Serge Baril heaters adjust their own power output in response to temperature over the entire heater length. Available in a variety of temperature and power ratings up to 190°C (375°F) and 65.6 watts/m (20 watts/ft), these heaters are used for freeze protection and medium temperature maintenance applications.

- Bonded inner jacket, on FPS & CCA series
- Variable output
- Fail-safe heating core
- Easy installation
- Protection against hot spots
- Can be overlapped without damage
- High-performance components
- Single-size construction
- 10-Year extended warranty available

Typical Applications:



CCA & FPS Series

- Metal or plastic pipe and drain freeze protection
- Tank heating
- Snow melt for roofs and gutters
- Comfort and space heating
- Hot water heating
- Cut to length IN-PIPE tracing for potable water supply lines (FPS only)
- Maintain temperature of 65.6°C (150°F) with exposure up to 85°C (185°F)

SCS Series

- Process temperature maintain up to 121°C (250°F) with exposure temperature of 190°C (375°F) maximum

MIC Mineral Insulated Heater Cable

Serge Baril offers mineral-insulated series conductor cables with temperature and power ratings up to 593°C (1100°F) and 289 watts/m (88 watts/ft) and are used for high temperature applications and installations requiring high power output. They are made up of highly corrosion resistant Incoloy 825.



- Resistant to corrosion
- Rugged construction
- Thin, flexible sheath
- 10-Year extended warranty available
- Can be overlapped without damage up to half rated power output (max. 25w/ft 82w/m)
- Immune to stress cracking
- Uniform power over entire circuit
- Custom designed

Typical Applications:

- High temperature maintain for processes such as asphalt lines
- Snow and ice melt for concrete and asphalt driveways
- Tank heating
- Frost heave prevention for cryogenic reservoirs

Service Before And After Sale

Serge Baril offers you expertise in heat tracing, monitoring, control and design as well as technical assistance.

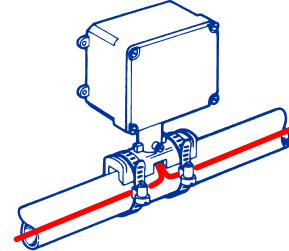
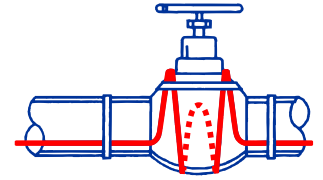
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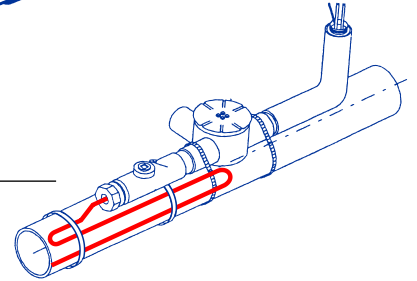
page

4-5 PIPE AND TANK HEAT TRACING

- 4 ___ CCA SELF REGULATING HEATER
- 4 ___ FPS SELF REGULATING HEATER
- 5 ___ SCS SELF REGULATING HEATER
- 5 ___ MIC MINERAL INSULATED HI-TEMP HEATER



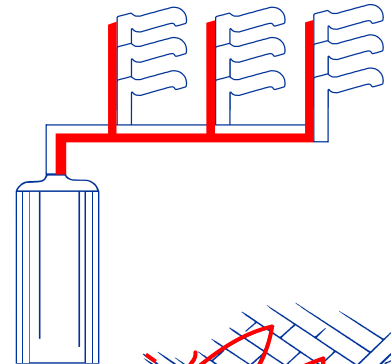
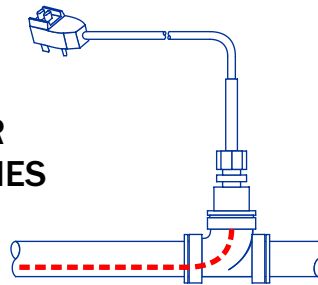
6 PIPE AND TANK HEAT TRACE COMPONENTS (For C1D2 and ordinary area)



7 PIPE AND TANK HEAT TRACE COMPONENTS (For hazardous C1D1 area - FPS and SCS only)

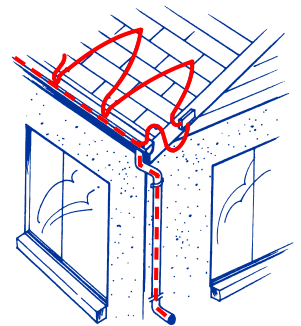
7 THERMOSTATS AND CONTACTORS

8-9 IN-PIPE TRACER FOR POTABLE WATER LINES

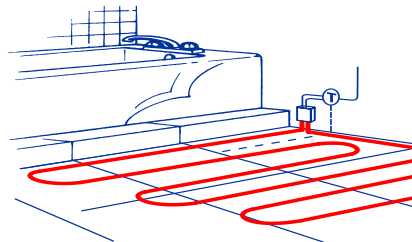


9 HOT WATER HEATING APPLICATION

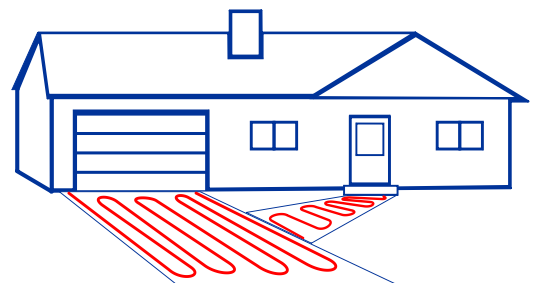
10 ROOF, GUTTERS AND DRAIN DE-ICING



11 FLOOR HEATING CABLE COMFORT AND SPACE HEATING



12 SNOW MELT, FLOORWARMING, AND FROST HEAVE PREVENTION - MINERAL INSULATED HIGH TEMPERATURE HEAT TRACING CABLE



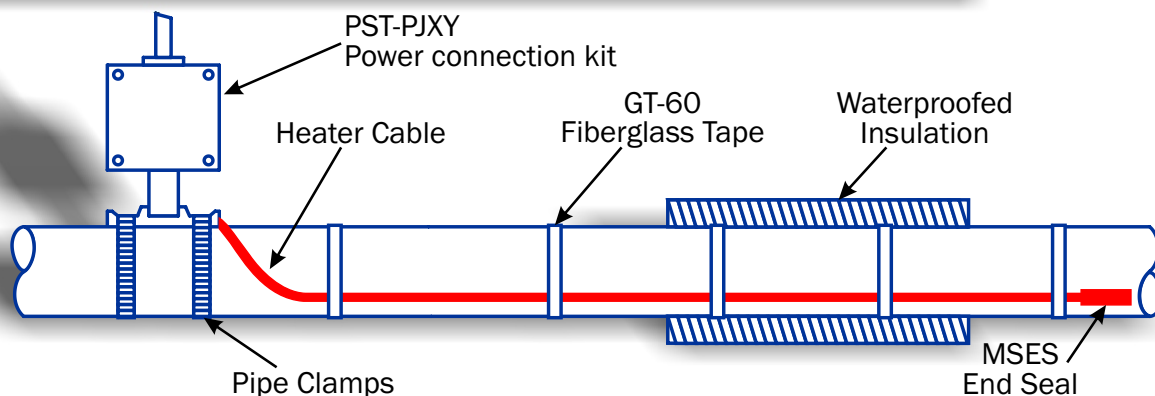
13 COMPETITIVE CROSS REFERENCES

14 STANDARD TERMS AND CONDITIONS OF SALE

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PIPE AND TANK HEAT TRACING

Effective: FEBRUARY 1, 2011



CCA SELF REGULATING HEATER

FREEZE PROTECTION AND TEMPERATURE MAINTAIN - NON CORROSIVE ORDINARY AREA - CCA HEATER STRIP WITH TINNED COPPER BRAID AND MODIFIED POLYOLEFIN OVERJACKET.

CAT. NO.	*WATTS/ FT @ 50°F M@10°C		VOLTAGE VAC	WEIGHT KG/M LB/FT		PRICE M FT	
	FT @ 50°F	M@10°C		KG/M	LB/FT	M	FT
3CCA-1BA	3	10	120	0.14	0.10	21.99	6.71
3CCA-2BA	3	10	240	0.14	0.10	21.99	6.71
6CCA-1BA	6	20	120	0.14	0.10	24.55	7.48
6CCA-2BA	6	20	240	0.14	0.10	24.55	7.48
8CCA-1BA	8	26	120	0.14	0.10	27.02	8.24
8CCA-2BA	8	26	240	0.14	0.10	27.02	8.24



* Watts at 50°F(10°C) on metal pipe.

FPS SELF REGULATING HEATER

FREEZE PROTECTION AND TEMPERATURE MAINTAIN - CORROSIVE ORDINARY AND HAZARDOUS AREA - FPS HEATER STRIP WITH TINNED COPPER BRAID AND FLUOROPOLYMER OVERJACKET.

CAT. NO.	*WATTS/ FT @ 50°F M@10°C		VOLTAGE VAC	WEIGHT KG/M LB/FT		PRICE M FT	
	FT @ 50°F	M@10°C		KG/M	LB/FT	M	FT
3FPS-1BT	3	10	120	0.14	0.10	31.40	9.57
3FPS-2BT	3	10	240	0.14	0.10	31.40	9.57
5FPS-1BT	5	16	120	0.14	0.10	34.59	10.55
5FPS-2BT	5	16	240	0.14	0.10	34.59	10.55
8FPS-1BT	8	26	120	0.14	0.10	38.33	11.69
8FPS-2BT	8	26	240	0.14	0.10	38.33	11.69
10FPS-1BT	10	33	120	0.14	0.10	43.20	13.17
10FPS-2BT	10	33	240	0.14	0.10	43.20	13.17



* Watts at 50°F(10°C) on metal pipe.

SCS SELF REGULATING HEATER

HIGH TEMPERATURE APPLICATIONS - CORROSIVE ORDINARY AND HAZARDOUS AREA - SCS HEATER STRIP WITH TINNED COPPER BRAID AND FLUOROPOLYMER OVERJACKET.

CAT. NO.	*WATTS/ FT @ 50°F M@10°C		VOLTAGE VAC	WEIGHT KG/M LB/FT		PRICE M FT	
3SCS-1BT	3	10	120	0.15	0.10	46.31	14.12
3SCS-2BT	3	10	240	0.15	0.10	46.31	14.12
5SCS-1BT	5	16	120	0.15	0.10	46.31	14.12
5SCS-2BT	5	16	240	0.15	0.10	46.31	14.12
8SCS-1BT	8	26	120	0.15	0.10	48.41	14.76
8SCS-2BT	8	26	240	0.15	0.10	48.41	14.76
10SCS-1BT	10	33	120	0.15	0.10	50.67	15.45
10SCS-2BT	10	33	240	0.15	0.10	50.67	15.45
12SCS-1BT	12	39	120	0.15	0.10	53.74	16.38
12SCS-2BT	12	39	240	0.15	0.10	53.74	16.38
15SCS-1BT	15	49	120	0.15	0.10	63.06	19.23
15SCS-2BT	15	49	240	0.15	0.10	63.06	19.23
18SCS-1BT	18	59	120	0.15	0.10	68.14	20.77
18SCS-2BT	18	59	240	0.15	0.10	68.14	20.77
20SCS-1BT	20	66	120	0.15	0.10	73.85	22.52
20SCS-2BT	20	66	240	0.15	0.10	73.85	22.52



* Watts at 50°F(10°C) on metal pipe.

MIC MINERAL INSULATED HI-TEMP HEATER

WITH INCOLOY SHEATH

CAT. NO.	WEIGHT KG/M LB/FT		PRICE M FT	
K-MIC	0.10	0.07	29.51	9.00
B-MIC	0.33	0.22	42.13	12.84
A-FORM-32A	0.45	1.00	553.44	
A-FORM-40A	1.82	4.00	693.65	
E-FORM-32A	0.91	2.00	774.80	
E-FORM-40A	3.64	8.00	1055.22	



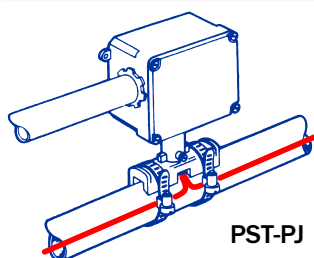
PRICING EXAMPLE

SB	A	750B	100	07	PRICE
HOT SECTION (100FT X \$12.84/FT)					1284.00
A-FORM 32A					553.44
TOTAL PRICE					1837.44

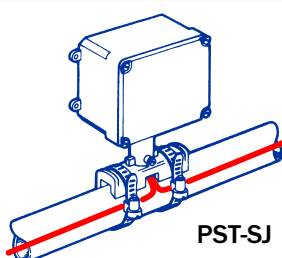
COMPONENTS AND ADDERS - please see page 12

PIPE AND TANK HEAT TRACE COMPONENTS for CCA, FPS and SCS type heaters

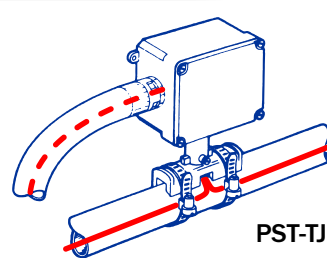
Effective: FEBRUARY 1, 2011



PST-PJ



PST-SJ



PST-TJ

FIXTURES AND ENCLOSURES MADE OF INDUSTRIAL GRADE PLASTICS - ORDINARY AREA AND C1D2 (FPS AND SCS ONLY) HAZARDOUS LOCATIONS

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/ KG	PKG LB	PRICE
PST-PX*	POWER KIT Includes standoff bracket, molded silicone rubber termination seal kit, end seal kit and grommet.	1	0.2	0.44	70.09
PST-PJX*-Y**	POWER KIT WITH JUNCTION BOX Same as above with junction box, terminal block and pipe straps.	1	0.7	1.54	162.14
PST-SJX*-Y**	SPLICE KIT WITH JUNCTION BOX	1	0.7	1.54	162.14
PST-TJX*-Y**	TEE KIT WITH JUNCTION BOX	1	0.9	1.98	230.74

* X = GROMMETS AS FOLLOWS: J = Single heater U = Two heaters

** Y = STRAPS AS FOLLOWS: 3 = for 1 to 3" (25 to 75mm) pipes 12 = for 3 to 12" (75 to 300mm) pipes
20 = for 12 to 20" (300 to 500mm) pipes

NOTE: Kits will mount directly on pipe size 3/4" (18mm) and larger. Adaptor kits (MA-P) are available for smaller pipe and tubing.

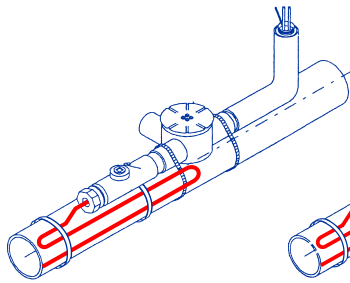
PIPE AND TANK HEAT TRACE ACCESSORIES

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/ KG	PKG LB	PRICE
MSPS-5/1	MOLDED SILICONE RUBBER POWER SEAL KIT	5/1	0.10/0.05	0.22/0.11	50.79/25.38
MSES-5/1	MOLDED SILICONE RUBBER END SEAL KIT	5/1	0.10/0.05	0.22/0.11	39.49/23.69
HSS-5/1	HEAT SHRINK SPLICE KIT	5/1	0.57/0.10	1.25/0.25	111.83/31.94
HST-5/1	HEAT SHRINK TEE KIT	5/1	0.57/0.10	1.25/0.25	111.83/31.94
PST-PLK-X	END SEAL KIT WITH PILOT LIGHT (X = 120, 208 OR 240V)	1	0.70	1.54	362.87
PLK-X	PILOT LIGHT (X = 120, 208 OR 240V)	1	0.10	0.22	194.81
MA-P	MOUNTING ADAPTOR	1	0.10	0.22	24.18
TA-P	TANK ADAPTOR	1	0.10	0.22	54.34
XG-P	GROMMETS (X = J OR U)	1	0.05	0.11	5.95
TB-P	TERMINAL BLOCK	1	0.10	0.22	25.28
GT-60	GLASS TAPE 60' x 1/2" (18m x 12mm)	1	0.05	0.11	27.08
GT-180	GLASS TAPE 180' x 1/2" (55m x 12mm)	1	0.11	0.24	61.51
AT-150	ALUMINUM TAPE 150' x 2" (46m x 50mm)	1	0.11	0.24	45.53
PC-3	PIPE STRAP for 1 to 3" (25 to 75mm) pipes	1	0.05	0.11	3.27
PC-12	PIPE STRAP for 3 to 12" (75 to 300mm) pipes	1	0.11	0.24	4.17
PC-20	PIPE STRAP for 12 to 20" (300 to 500mm) pipes	1	0.11	0.24	6.52
CS-3	CLIP STRIP 3" (75mm) centers	1	0.30	0.66	63.03
CS-4	CLIP STRIP 4" (100mm) centers	1	0.30	0.66	37.83
ETL-E (English)	CAUTION LABEL self-adhesive	1	0.02	0.04	2.11
ETL-F (French)	CAUTION LABEL self-adhesive	1	0.02	0.04	2.11

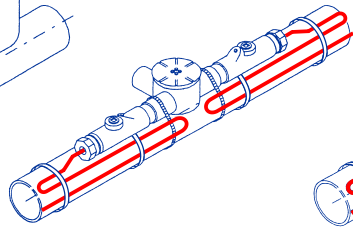
Caution: The use of GLCB'S is required at all times for all heat trace applications.

PIPE AND TANK HEAT TRACE COMPONENTS for FPS and SCS self regulating heaters

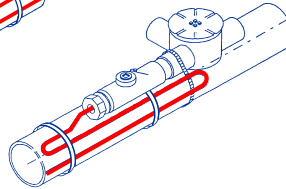
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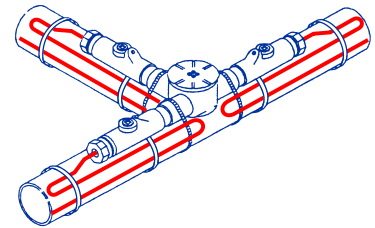
HA-P



HA-S



HA-E



HA-T

HA HAZARDOUS AREA SEAL KITS FOR USE IN CLASS 1 DIVISION 1 HAZARDOUS LOCATION

CAT. NO.	DESCRIPTION	STD PKG	WEIGHT/PKG		PRICE
			KG	LB	
HA-P	POWER CONNECTION	1	3.0	6.60	380.11
HA-E	END SEAL	1	2.5	5.50	314.77
HA-S	SPLICE KIT	1	2.7	5.94	439.49
HA-T	TEE KIT	1	3.4	7.48	564.21
HA-SBA	ENTRY SEAL KIT	4			568.30
	-For all above connection kits, to make 4 connections.				

THERMOSTATS

CAT. NO.	SENSOR	ENCL. CEMA, NEMA	SWITCH RATING	RANGE		WEIGHT		PRICE
				°F	°C	/KG	/LB	
TLE-3120-1P	LINE/AMBIENT	3	30A/250V	20 - 120	-7 - 50	1.2	2.5	250.47
TLE-4X40	LINE/AMBIENT	4X	25A/250V	40° fixed	5° fixed	0.7	1.5	264.58
TL-4X325	LINE	4X	22A/480V	25 - 325	-4 - 163	1.4	3.1	662.51
TL-4X325-2	LINE (2POLES)	4X	22A/480V	25 - 325	-4 - 163	2.5	5.5	1312.94
TL-4X140	AMBIENT	4X	22A/480V	15 - 140	-10 - 60	1.4	3.1	460.53
TL-7325	LINE	7	22A/480V	23 - 325	-4 - 163	8.2	18.0	943.79
TL-7325-2	LINE (2POLES)	7	22A/480V	23 - 325	-4 - 163	9.3	20.5	1913.58
TE-7140	AMBIENT	7	22A/480V	15 - 140	-10 - 60	8.2	18.0	757.51
TL-4X1000	LINE	4X	8A/240V	32 - 1000	0 - 538	1.8	4.0	2412.12
TL-71000	LINE	7	8A/240V	32 - 1000	0 - 538	8.6	18.9	2891.30

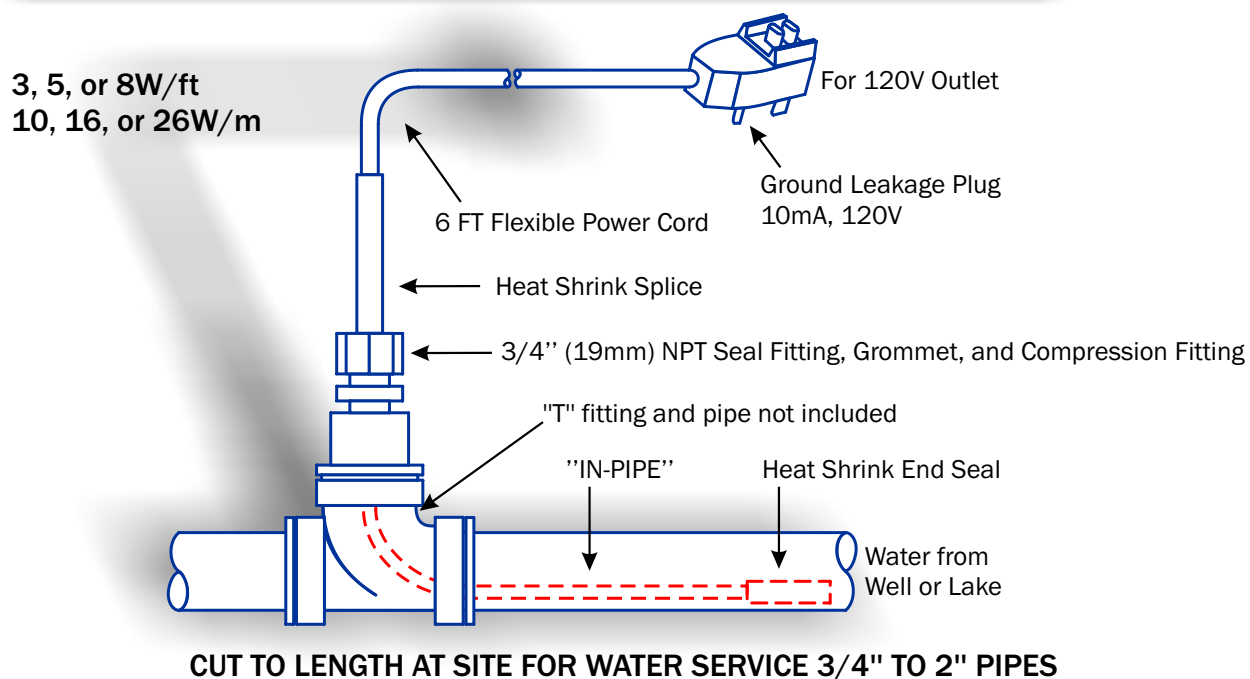
NOTE: For other thermostats please contact SBA.

CONTACTORS

CAT.NO.	AREA	NO. POLES	POLE RATING AMPS	KG	WEIGHT LB	PRICE
C-4X50	ORDINARY	3	50	1.4	3.08	672.90
C-750	HAZARDOUS	3	50	7.7	16.94	728.88
OC-750	HAZARDOUS	3	50	11.8	25.96	779.10

IN PIPE TRACER FOR POTABLE WATER

Effective: FEBRUARY 1, 2011



FPS SELF REGULATING HEATER

CABLES

CAT. NO. 120V PRODUCTS	DESCRIPTION	WATTS IN WATER/ FT@32°F M@0°C		WEIGHT KG/M LB/FT		PRICE M FT	
IN-PIPE (5FPS-2BT*)	SELF-REGULATING HEATER CABLE	3	10	0.15	0.1	30.77	9.38
IN-PIPE PLUS (3FPS-1BT*)	SELF-REGULATING HEATER CABLE	5	16	0.15	0.1	30.77	9.38
IN-PIPE EXTRA (5FPS-1BT*)	SELF-REGULATING HEATER CABLE	8	26	0.15	0.1	30.77	9.38

* The nomenclature in parenthesis is the industrial catalog number of the cable.

CAT. NO. 240V PRODUCTS	DESCRIPTION	WATTS IN WATER/ FT@32°F M@0°C		WEIGHT KG/M LB/FT		PRICE M FT	
3FPS-2BT	SELF-REGULATING HEATER CABLE	5	16	0.15	0.1	30.77	9.38
5FPS-2BT	SELF-REGULATING HEATER CABLE	8	26	0.15	0.1	30.77	9.38

COMPONENTS

CAT. NO.	DESCRIPTION	WEIGHT KG LB		PRICE
GTKB	IN-PIPE INSTALLATION KIT INCLUDING: GTCK and GTPC	0.64	1.41	287.01
	5 or more/order			258.06
GTCK	SPLICE KIT, ENTRY SEAL FITTING AND GROMMET, END SEAL For 120V or 240V	0.27	0.59	145.53
	5 or more/order			133.11
GTPC	GFCI PLUG 10mA, 120V, 15A, WITH 6' EXTENSION CORD	0.36	0.79	165.00

Caution: The use of GLCB'S is required if the GTPC is not used and the cable is hard wired directly to the panel through a GTCK connection kit.

PRE-ASSEMBLED "IN PIPE" TRACER FOR POTABLE WATER (120V, 15A SYSTEM)

Effective: FEBRUARY 1, 2011

CATALOG NUMBER

IN-PIPE (5FPS-2BT)*
IN-PIPE PLUS (3FPS-1BT)*
IN-PIPE EXTRA (5FPS-1BT)*

OUTPUT IN WATER @ 32°F (0°C)

3W/FT (10W/M)
5W/FT (16W/M)
8W/FT (26W/M)

* The nomenclature in parenthesis is the industrial catalog number of the cable.

UNIT PRICING APPLIES TO ALL OF THE IN-PIPE FAMILY OF HEATING CABLES

LENGTH		WEIGHT		PRICE
M	FT	KG	LB	
1.8	6	1.2	2.6	330.75
3.0	10	1.4	3.1	367.47
4.6	15	1.6	3.5	413.35
6.1	20	1.8	4.0	459.24
7.6	25	2.0	4.4	505.13
9.1	30	2.2	4.8	550.97
10.7	35	2.4	5.3	596.90
12.2	40	2.6	5.7	642.78
13.7	45	2.8	6.2	688.66
15.2	50	3.0	6.6	734.55
16.8	55	3.2	7.0	780.43
18.3	60	3.4	7.5	826.31
19.8	65	3.6	7.9	872.21
21.3	70	3.8	8.4	918.09
22.9	75	4.0	8.8	963.97
24.4	80	4.2	9.2	1009.86
25.9	85	4.4	9.7	1055.74
27.4	90	4.6	10.1	1101.62
29.0	95	4.8	10.6	1147.52

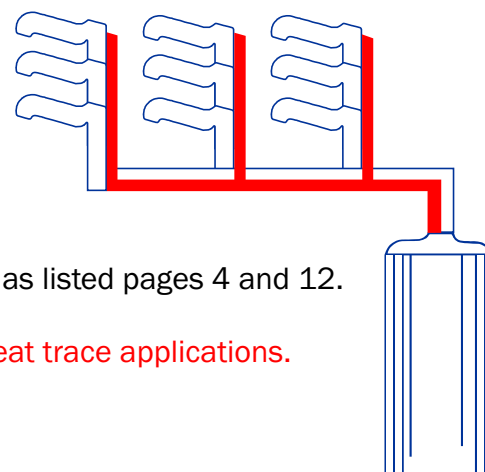
LENGTH		WEIGHT		PRICE
M	FT	KG	LB	
30.5	100	5.0	11.0	1193.40
33.5	110	5.4	11.9	1285.17
36.6*	120*	5.8	12.8	1376.94
*Max. length for 8W/ft (26W/m)				
39.6	130	6.2	13.6	1468.70
42.7	140	6.6	14.5	1560.48
45.7	150	7.0	15.4	1652.24
48.8	160	7.4	16.3	1744.01
51.8	170	7.8	17.2	1835.79
54.9**	180**	8.2	18.0	1927.55
**Max. length for 5W/ft (16W/m)				
57.9	190	8.6	18.9	2019.32
61.0	200	9.0	19.8	2111.09
64.0	210	9.4	20.7	2202.85
67.1	220	9.8	21.6	2294.63
70.1	230	10.2	22.4	2386.40
73.2	240	10.6	23.3	2478.16
76.2	250	11.0	24.2	2569.94
Max. length for 3W/ft (10W/m)				

*The max. heater length for the 8W/ft (26W/m), 15A, pre-assembled units.

**The max. heater length for the 5W/ft (16W/m), 15A, pre-assembled units.

- NOTES:** 1) Pre-assembled units include a GFCI plug with 6' (2m) extension cord spliced to the heater cable, 3/4" (19mm) NPT brass entry gland with rubber grommet, brass strain relief bushing & heat shrink end seal, all installed on the heater.
- 2) Specific lengths are available. Price interpolation applies.

HOT WATER HEATING APPLICATIONS

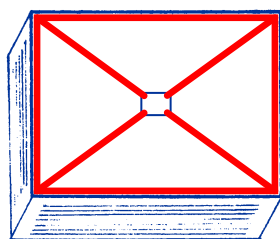


This application uses CCA or FPS heaters and components as listed pages 4 and 12.

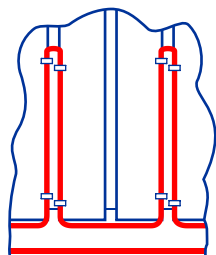
Caution: The use of GLCB'S is required at all times for all heat trace applications.

ROOF, GUTTERS AND DRAIN DE-ICING

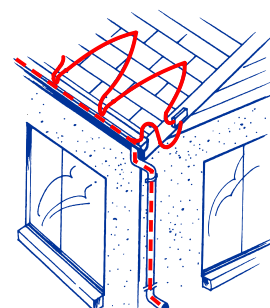
Effective: FEBRUARY 1, 2011



FLAT ROOF



METAL ROOF



SHINGLE ROOF

HEAT TRACING CABLE

CAT.NO.	WATTS IN ICE OR WATER/		VOLTAGE VAC	WEIGHT		PRICE	
	FT	M		KG/M	LB/FT	M	FT
6CCA-1BA	10	33	120	0.14	0.10	24.55	7.48
6CCA-2BA	10	33	240	0.14	0.10	24.55	7.48
8CCA-1BA	13	44	120	0.14	0.10	27.02	8.24
8CCA-2BA	13	44	240	0.14	0.10	27.02	8.24
5FPS-1BT	8	26	120	0.14	0.10	34.59	10.55
5FPS-2BT	8	26	240	0.14	0.10	34.59	10.55
8FPS-1BT	13	44	120	0.14	0.10	38.33	11.69
8FPS-2BT	13	44	240	0.14	0.10	38.33	11.69

COMPONENTS

CAT.NO.	DESCRIPTION	STD PKG	WEIGHT		PRICE
			KG	LB	
GRK-P	POWER CABLE SEAL AND END SEAL	1	0.11	0.24	65.63
GRK-E-5/1	HEAT SHRINK END SEAL KIT	5/1	0.11/0.022	0.24/0.048	35.63/14.26
GRK-S-1	HEAT SHRINK SPLICE KIT	1	0.022	0.048	48.75
AT-150	ALUMINUM TAPE 150' x 2" (46m x 50mm)	1	0.11	0.24	45.53
GRK-DH-1	DOWNSPOUT HANGER	1	0.046	0.102	29.50
GRK-C	ROOF CLIPS	25/BAG	0.15	0.33	35.63

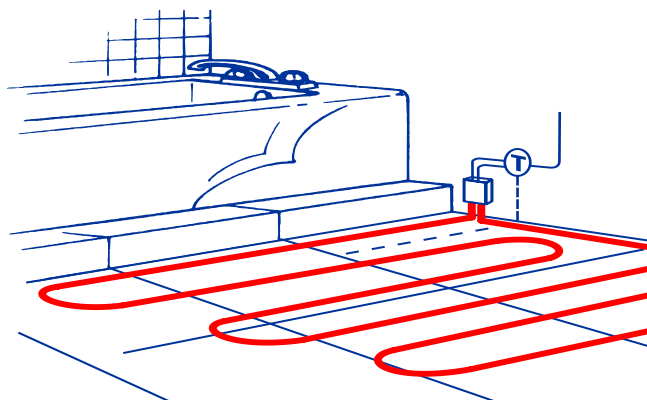
CONTROLS

CAT.NO.	DESCRIPTION	WEIGHT		PRICE
		KG	LB	
TLE 4X40	THERMOSTAT LINE/AMBIENT FIXED AT 40°F (5°C)	0.70	1.54	264.58
SMMC-3	CONTROL PANEL	5.00	11.00	3560.75
SMAS-1	SNOW SENSOR (USE WITH SMMC-3)	0.91	2.00	657.21
SMGS-1	GUTTER ICE SENSOR (USE WITH SMMC-3)	0.91	2.00	872.68
SS-01	SNOW SWITCH	0.45	0.99	592.56
LCD-1	SNOW SWITCH	0.91	2.00	Consult SBA
GIT-3A	GUTTER ICE CONTROLLER	2.00	4.40	Consult SBA

Caution: The use of GLOB'S is required at all times for all heat trace applications.

FLOOR HEATING CABLE COMFORT & SPACE HEATING

Effective: FEBRUARY 1, 2011



HEAT TRACING CABLE

CAT.NO.	APPROX. WATTS IN CONCRETE/		VOLTAGE VAC	WEIGHT		PRICE	
	FT	M		KG/M	LB/FT	M	FT
6CCA-1BA	9	30	120	0.14	0.10	24.55	7.48
6CCA-2BA	9	30	240	0.14	0.10	24.55	7.48
8CCA-1BA	12	39	120	0.14	0.10	27.02	8.24
8CCA-2BA	12	39	240	0.14	0.10	27.02	8.24
5FPS-1BT	8	26	120	0.14	0.10	34.59	10.55
5FPS-2BT	8	26	240	0.14	0.10	34.59	10.55
8FPS-1BT	12	39	120	0.14	0.10	38.33	11.69
8FPS-2BT	12	39	240	0.14	0.10	38.33	11.69

COMPONENTS

CAT.NO.	DESCRIPTION	STD PKG	WEIGHT		PRICE
			KG	LB	
MSPS/GRK-E	CABLE SEAL AND END SEAL	1	0.03	0.07	39.64
GRK-E-5/1	HEAT SHRINK END SEAL KIT	5/1	0.11/0.02	0.24/0.04	35.63/14.26
MSPS-5/1	MOLDED SILICONE RUBBER POWER SEAL KIT	5/1	0.11/0.02	0.24/0.04	50.79/25.39

CONTROLS

CAT.NO.	DESCRIPTION	WEIGHT		PRICE
		KG	LB	
TH114-AF-XGB	Thermostat, non programmable, 15A, X=120 or 240V, 1800W/3600W, 15mA GFCI with LCD display	0.40	0.88	263.66
TH115-AF-XGB	Thermostat, programmable, 7 days, 15A, X=120 or 240V, 1800W/3600W, 15mA GFCI with LCD display	0.40	0.88	323.37
TH114-AF-12VDC	Thermostat, non programmable, master 12VDC with LCD display	0.40	0.88	153.48
TH115-AF-12VDC	Thermostat, programmable, master 12VDC with LCD display	0.40	0.88	213.44
CT230-240GFCI	Slave unit, 15A, 120/240V, 1800W/3600W, 15mA GFCI	0.40	0.88	184.98

Caution: The use of GLCB'S is required at all times for all heat trace applications.

SNOW MELT, FLOORWARMING AND FROST HEAVE PREVENTION MINERAL INSULATED HIGH TEMPERATURE HEAT TRACING CABLE

Effective: FEBRUARY 1, 2011

TYPE MIC WITH INCOLOY SHEATH

CAT.NO.	WEIGHT		PRICE	
	KG/M	LB/FT	M	FT
K-MIC	0.10	0.07	29.51	9.00
B-MIC	0.33	0.22	42.13	12.84
A-FORM-32A	0.45	1.00	553.44	
A-FORM-40A	1.82	4.00	693.65	
E-FORM-32A	0.91	2.00	774.80	
E-FORM-40A	3.64	8.00	1055.22	

PRICING EXAMPLE

SB	A	750B	100	07	PRICE
HOT SECTION (100FT X \$12.84/FT)					1284.00
A-FORM 32A					553.44
TOTAL PRICE					1837.44

SPECIAL FEATURE ADDERS USE APPLICABLE PREFIX

PREFIX	DESCRIPTION	PRICE
P	PULLER EYE. Two conductor cable only attached to end termination	111.15
U	UL APPROVAL TAGGING	CONSULT SBA
X	SPECIAL ASSEMBLY. CSA tagging, non standard pigtails	CONSULT SBA
N/A	LONGER COLD SECTION LENGTH. Specify with catalog description. Adder per foot (0.3m) over 7 foot (2.13m) std cold section	12.56

COMPONENTS

CAT.NO.	DESCRIPTION	WEIGHT		PRICE
		KG	LB	
SS480	STAINLESS STEEL WIRE	2.27	5.00	105.28
HTA	HIGH TEMPERATURE ADAPTER	---	---	139.43

CONTROLS

CAT.NO.	DESCRIPTION	WEIGHT		PRICE
		KG	LB	
TLE-3120-1P	THERMOSTAT LINE/AMBIENT IN NEMA 3 ENCL. RANGE OF 20 TO 120°F (-7 TO 50°C)	0.70	1.54	250.47
SMMC-3	CONTROL PANEL	5.00	11.00	3560.75
SMAS-1	SNOW SENSOR (USE WITH SMMC-3)	0.91	2.00	657.20
SMPS-1	PAVEMENT SENSOR (USE WITH SMMC-3)	0.91	2.00	872.68
SS-01	SNOW SWITCH	0.45	0.99	592.56
LCD-1	SNOW SWITCH	0.91	2.00	CONSULT SBA

Caution: The use of GLCB'S is required at all times for all heat trace applications.

COMPETITIVE CROSS REFERENCES

Effective: FEBRUARY 1, 2011

PIPE AND TANK HEAT TRACING

SERGE BARIL	RAYCHEM (TYCO)	THERMON (3M)	
3,6,8 CCA-xBA	3,5,8,10BTV-xCR	(3M) TTS 5,8,10	Commercial and industrial ordinary area
3,5,8,10 FPS-xBT	3,5,8,10BTV-xCT	BSX-FOJ 3,5,8,10	Industrial ordinary and hazardous area
3,5,8,10,12,15,18,20 SCS-xBT	5,10,15,20XTV-xCT	HTSX 3,6,9,12,15,20	High temperature industrial ordinary and hazardous area

x = 1 for 120volt or 2 for 208 to 277volt.

DOMESTIC HOT WATER HEATING APPLICATION

SERGE BARIL	RAYCHEM (TYCO)	THERMON (3M)
3,6,8 CCA-2BA	HWAT / HWAT PLUS	(3M) HSX

ROOF, GUTTERS AND DRAIN DE-ICING

SERGE BARIL	RAYCHEM (TYCO)	THERMON (3M)
6 CCA-xBA	GM-1X / GM-2X	(3M) TTS8
5 FPS-xBT	GM-1XT / GM-2XT	-

x = 1 for 120volt or 2 for 208 to 277volt.

IN-PIPE TRACING FOR POTABLE WATER (SELF REGULATED)

SERGE BARIL	RAYCHEM (TYCO)	THERMON (3M)
IN-PIPE	-	-

Note: Available in "cut to length at job site" or pre-assembled.

FLOOR HEATING CABLE

SERGE BARIL	RAYCHEM (TYCO)	THERMON (3M)
6,8 CCA-xBA	Raysol-x	-

Note: We recommend a 9" spacing for floor heating. x = 1 for 120volt or 2 for 208 to 277volt.

SNOW MELT, FLOORWARMING, FROST HEAVE PREVENTION AND PIPE TRACING - MINERAL INSULATED HEAT TRACING CABLE

SERGE BARIL	X	XXX	X	XXX	XX	XX*
SB	FORM	CATALOG# CORRESPONDS TO OHMS/FT	CABLE TYPE	HOT SECTION FOOTAGE	COLD SECTION FOOTAGE *DOUBLE FOR "E" FORM	
PYRO (RAYCHEM)	X	XXXXXXXXX	X	XXX	XXX	X
	FORM	CABLE RESISTANCE	LENGTH	WATTAGE	VOLTAGE	COLD LEAD LENGTH
						COLD LEAD CODE
						COLD LEAD JOINT
						GLAND SIZE
THERMON	X	XXXXXXXXXXX	XXX	XXXX	XXX	X
	DESIGN	CABLE REFERENCE	LENGTH	WATTAGE	VOLTAGE	COLD LEAD LENGTH
						COLD LEAD SIZE
						COLD LEAD VOLTAGE
						LOCATION RATING

Note 1: For snow melting, because SBA is using an Incoloy 825 cable, we can do higher wattage per linear foot. A 12" spacing in concrete is preferred in order to use less cable to obtain the desired wattage.

Note 2: BA = Braided with a polyolefin overjacket. BT = Braided with a fluoropolymer overjacket.

CAUTION: The above is meant to be a rapid check list of "closest equivalent" between manufacturers. There may be some variance of wattages, temperature ratings, maximum circuit lengths, or other. The user must assure himself of the actual specification sheets. Serge Baril accepts no responsibility whatsoever if the use of the above table in any way leads to a misapplication of product.

GENERAL NOTE: Cross reference may not be directly equivalent and users must evaluate both products accordingly.

STANDARD TERMS AND CONDITIONS OF SALE

1. Payment terms

Payments are due within 30 days of the ship date of the product from Serge Baril. This allows the distributor to use the pre-discounted cost on the invoice (3% discount is already included in our pricing policy). After 30 days, the second amount on the invoice is due (equals a multiplier of 1.031 on the pre-discounted cost). This is not an interest but a missed discount. Interest is normally charged after 60 days at a rate of 1.5%/month from the date of shipment.

Special payment terms such as full payment on the 10th of the month following are acceptable and will be negotiated separately with each distributor.

A special 2% - 10 days from date of shipment is available and is considered as a cash discount available only with a strict adherence to the 10 days (i.e. the cheque is in our hands on the 10th day after shipping date).

2. Cut length policy for heat tracing cables

Serge Baril will endeavour to meet the length requirements of the distributor but may ship up to 10% more or less heater due to available coil lengths of such product. The longest lengths possible will be supplied, however Serge Baril may have to ship the total requirement in more than one continuous length. Specific length requirements by the distributor will be met with an addition to the regular purchase price of the product by the distributor. Special cut lengths are not returnable.

3. Transport costs

Transport costs, insurance and freight charges are to be borne by the distributor. Materials are shipped FOB Laval, QC by regular carrier as chosen by the distributor unless otherwise stipulated differently by the distributor for a specific order.

4. Return of product

Product may be returned once per calendar year in June at no charge to the distributor under the following conditions:

- A.** The total return is less than 10% of the total yearly purchases of this category of product by the distributor.
- B.** An equal or superior offsetting order of product in this same category is placed with Serge Baril.
- C.** The product is returned in its original packaging, uncut in the case of heat tracing cable, and is current and in resalable condition.
- D.** The request must be accompanied by a copy of the original invoice covering the purchase of the returned product.
- E.** A return authorisation (RA) number must be received in writing from Serge Baril, a copy of which is to accompany the return.
- F.** Transport and insurance charges for the returned product must be paid by the distributor.

Serge Baril will, after verification and acceptance of the returned product, issue a credit to the distributor accordingly. Product may be returned at other times and under exceptional circumstances as specifically agreed to by Serge Baril with an appropriate restocking charge if applicable.

5. Pricing

Prices are subject to change without notice, although we will endeavour to provide 30 days notice of price changes.

TEN YEAR EXTENDED WARRANTY

SCOPE:

Serge Baril offers an extension of our regular 1 year warranty on all self-regulating heating and mineral insulated cables for a period of up to 10 years from the date of manufacture.

This extended warranty includes all terms, conditions and limitations of the basic warranty with the following additions:

1. Heating cable extended warranty acceptance form has been signed and returned to Serge Baril for registration.
2. Heating cable failure is defined as having a 20% loss in power output.
3. Warranty is void if product is installed on or with materials containing plasticizers, such as commonly used in vinyl tapes or vinyl insulations. The cable must have been installed according to the manufacturer's installation instructions by an approved installer.

PROCEDURE:

1. In the event of a claim, a "claim information sheet" must be completed and returned with all cable that has been removed.
2. Serge Baril will provide replacement cable at normal price levels for the initial replacement.
3. Upon examination of the returned cable and the determination that the cable is defective, Serge Baril will issue a credit for the defective cable.

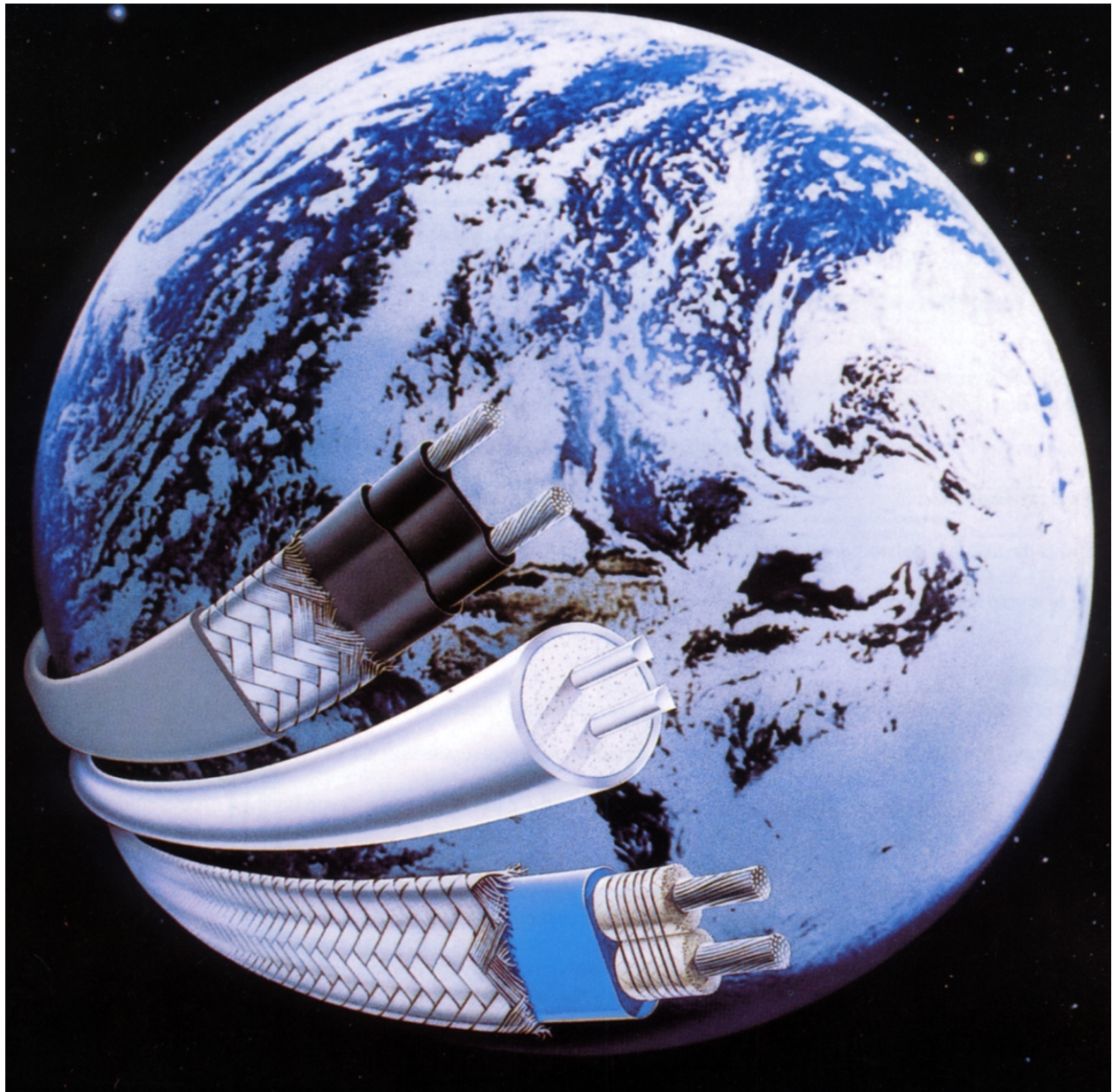
GENERAL NOTE

The above are general suggestions for applications of our cables and are not meant to replace the normal requirements of local, construction, electrical, or other codes. The installer must verify the conformity to all applicable codes or standards.

We are pleased to offer suggestions on the use of our various products, nevertheless, there are no warranties given except such expressed warranties offered in connection with the sale of a particular product. There are no implied warranties of merchantability or of fitness for a particular purpose given in connection with the sale of any goods. In no event shall Serge Baril be liable for consequential, incidental or special damages. The buyer's sole and exclusive remedy and the limit of Serge Baril's liability for any loss whatsoever shall not exceed the original purchase price paid to Serge Baril for the product or products for which a claim is made.

Caution: The use of GLCB'S is required at all times for all heat trace applications.

OUR WORLD IS ELECTRICAL HEAT TRACING



AVAILABLE AT:

SERGE BARIL HEAT TRACING

5310 des Laurentides Blvd.,
Laval, QC Canada H7K 2J8

Tel: (450) 622-7587

Fax: (450) 622-7869

www.baril.ca

serge@baril.ca



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