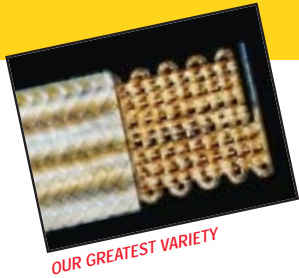


SELECTION GUIDE

Heating Tapes/Mats



OUR GREATEST VARIETY



GREAT FOR HEATING SMALL TUBES!



MOISTURE RESISTANT!



OUR BEST SELLING DRUM HEATERS!

HEATING TAPES

	Fiber	Temperature Range °C	Requires External Control	Built-in Controller	Non-Grounded	Grounded	Page
<i>OUR GREATEST VARIETY!</i>	Fibrox, Samox	480°C, 760°C	Yes	None	Select Models	Select Models	90, 91
<i>OUR HIGHEST TEMPERATURE !</i>	Quartz	up to 800°C	Yes	None	None	All Models	92
<i>MOISTURE RESISTANT!</i>	Silicone Rubber	up to 260°C	Select Models	Select Models	Select Models	Select Models	93

HEATING CORDS

<i>GREAT FOR HEATING SMALL TUBES !</i>	Fibrox/Quartz	up to 800°C	Yes	None	Select Models	Select Models	94
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HEATING MATS

<i>MOISTURE RESISTANT!</i>	Silicone	up to 260°C	Yes	None	Select Models	Select Models	96, 97
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DRUM HEATERS

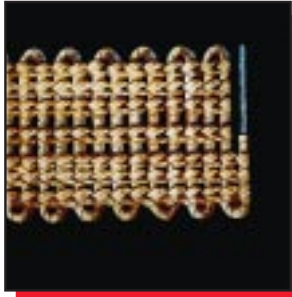
<i>OUR BEST-SELLING DRUM HEATER!</i>	Silicone	up to 260°C	Select Models	Select Models	All Models	None	98
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Heating Tapes

FIBROX™, SAMOX™ AND GROUNDED

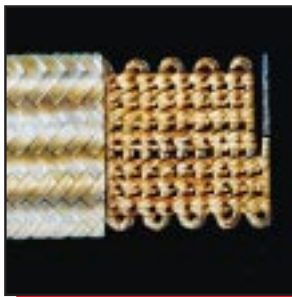
Thermolyne

STANDARD



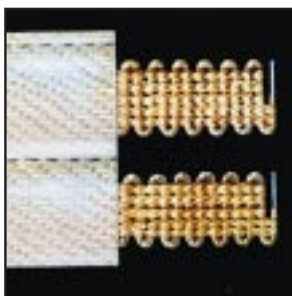
Standard Insulated Tape is constructed of finely-stranded resistant wires doubly insulated with braided yarns and knitted into flat tapes. Extremely flexible, the heat tape can be tightly wrapped onto your vessel, providing excellent heat transfer. Fibrox tapes can be used for temperatures to 480°C; Samox tapes to 760°C.

HEAVY INSULATED



This heavy insulated heating tape is constructed of standard insulated, braided heating tape with knitted, heavy fabric covering. Designed for heavier-duty applications where abrasion resistance and heating element protection are required. Designed for direct contact on conductive surface. Fibrox tapes can be used for temperatures to 480°C; Samox tapes to 760°C.

WIDE HEAVY INSULATED



The wide heavy insulated heating tape is constructed of two or more standard insulated heating tapes sewn between two layers of cloth. Ideal for wider surface areas requiring a fast and efficient direct contact heat source. Designed for direct contact on conductive surface. Fibrox tapes can be used for temperatures to 480°C; Samox tapes to 760°C.

ORDERING INFORMATION

Model #	Dimensions	Watts	Volts	US List Price
Fibrox Standard Insulated - Temperatures to 480°C (900°F)				
BM0041-006	.43" x 8"	35	120	\$34.00
BM0031-010	.39" x 12"	45	120	\$34.00
B00051-020	.5" x 2'	105	120	\$36.00
B00051-040	.5" x 4'	210	120	\$41.00
B00051-060	.5" x 6'	310	120	\$54.00
B00051-080	.5" x 8'	420	120	\$60.00
B00051-100	.5" x 10'	520	120	\$72.00
B00101-020	1" x 2'	210	120	\$44.00
B00101-040	1" x 4'	420	120	\$55.00
B00101-060	1" x 6'	620	120	\$62.00
B00101-080	1" x 8'	830	120	\$88.00
B00102-100*	1" x 10'	1040	240	\$106.00

Model #	Dimensions	Watts	Volts	US List Price
Fibrox Heavy Insulated - Temperatures to 480°C (900°F)				
BIH051-020	.5" x 2'	105	120	\$43.00
BIH051-040	.5" x 4'	210	120	\$58.00
BIH051-060	.5" x 6'	310	120	\$69.00
BIH051-080	.5" x 8'	420	120	\$84.00
BIH051-100	.5" x 10'	520	120	\$101.00
BIH101-020	1" x 2'	210	120	\$55.00
BIH101-040	1" x 4'	420	120	\$78.00
BIH101-060	1" x 6'	620	120	\$122.00
BIH101-080	1" x 8'	830	120	\$145.00
BIH102-100*	1" x 10'	1040	240	\$169.00

Model #	Dimensions	Watts	Volts	US List Price
Fibrox Wide Heavy Insulated - Temperatures to 480°C (900°F)				
BIH171-020	1.75" x 2'	209	120	\$108.00
BIH171-040	1.75" x 4'	418	120	\$158.00
BIH171-060	1.75" x 6'	627	120	\$210.00
BIH171-080	1.75" x 8'	836	120	\$248.00
BIH171-100	1.75" x 10'	1045	120	\$283.00
BIH251-020	2.5" x 2'	313	120	\$125.00
BIH251-040	2.5" x 4'	627	120	\$174.00
BIH251-060	2.5" x 6'	940	120	\$249.00
BIH251-080*	2.5" x 8'	1254	120	\$315.00
BIH251-100*	2.5" x 10'	1576	120	\$343.00
BIH321-020	3.25" x 2'	418	120	\$160.00
BIH321-040	3.25" x 4'	836	120	\$201.00
BIH321-060*	3.25" x 6'	1254	120	\$294.00
BIH321-080*	3.25" x 8'	1672	120	\$402.00
BIH321-100*	3.25" x 10'	2090	120	\$445.00

* Tapes supplied without plugs. Tapes are available with leads on same end of tape. Call for more information. All tapes are provided without controller. You must use a suitable controller or damage to your tape will occur. See controllers following heating mantle section. All tapes .5" or wider are available in 240 volts. Other tape dimensions are available. Price and availability on request. DO NOT OVERLAY TAPES.

**48 Hour or Sooner
Express Shipping
Guaranteed!***

*see inside front cover for details

Heating Tapes

FIBROX™, SAMOX™ AND GROUNDED

Thermolyne

GROUNDED HEAVY INSULATED FIBROX HEAT TAPES

These heavy insulated grounded heating tapes consist of a resistance wire wrapped in a layer of kapton tape, braided by two more layers of fiberglass insulation, then braided by a ground wire and covered with Fibrox fabric. Designed for strict grounding requirements, these tapes work well for direct contact on conductive surfaces.

ORDERING INFORMATION

Model #	Dimensions	Watts	Volts	US List Price
Grounded Fibrox Heavy Insulated - Temperature to 316°C (600°F)				
BIH101-020LG	1" x 2'	120	230	\$153.00
BIH101-040LG	1" x 4'	120	460	\$160.00
BIH101-060LG	1" x 6'	120	690	\$183.00
BIH101-080LG	1" x 8'	120	920	\$205.00
BIH101-100LG	1" x 10'	120	1150	\$222.00
BIH102-020LG	1" x 2'	240	210	\$153.00
BIH102-040LG	1" x 4'	240	420	\$160.00
BIH102-060LG	1" x 6'	240	620	\$183.00
BIH102-080LG	1" x 8'	240	830	\$205.00
BIH102-100LG*	1" x 10'	240	1040	\$222.00

* Tapes supplied without plugs.

ORDERING INFORMATION

Model #	Dimensions	Watts	Volts	US List Price
Samox Standard Insulated - Temperatures to 760°C (1400°F)				
BW0051-020	.5" x 2'	160	120	\$36.00
BW0051-040	.5" x 4'	310	120	\$44.00
BW0051-060	.5" x 6'	470	120	\$60.00
BW0051-080	.5" x 8'	620	120	\$69.00
BW0052-100*	.5" x 10'	780	240	\$83.00
BW0052-120*	.5" x 12'	940	240	\$101.00
BW0101-020	1" x 2'	310	120	\$44.00
BW0101-040	1" x 4'	620	120	\$61.00
BW0102-060*	1" x 6'	940	240	\$82.00
BW0102-080*	1" x 8'	1250	240	\$98.00

Samox Heavy Insulated - Temperatures to 760°C (1400°F)

BWH051-020	.5" x 2'	160	120	\$50.00
BWH051-040	.5" x 4'	310	120	\$61.00
BWH051-060	.5" x 6'	470	120	\$78.00
BWH051-080	.5" x 8'	620	120	\$93.00
BWH052-100*	.5" x 10'	780	240	\$127.00
BWH052-120*	.5" x 12'	940	240	\$141.00
BWH101-020	1" x 2'	310	120	\$62.00
BWH101-040	1" x 4'	620	120	\$84.00
BWH102-060*	1" x 6'	940	240	\$136.00
BWH102-080*	1" x 8'	1250	240	\$139.00

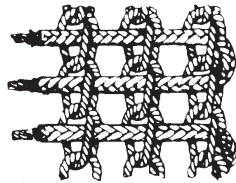
Samox Wide Heavy Insulated - Temperatures to 760°C (1400°F)

BWH171-020	1.75" x 2'	313	120	\$129.00
BWH171-040	1.75" x 4'	627	120	\$177.00
BWH171-060	1.75" x 6'	940	120	\$241.00
BWH171-080*	1.75" x 8'	1254	120	\$315.00
BWH172-100*	1.75" x 10'	1570	240	\$309.00
BWH251-020	2.5" x 2'	470	120	\$155.00
BWH251-040	2.5" x 4'	940	120	\$226.00
BWH251-060*	2.5" x 6'	1411	120	\$315.00
BWH251-080*	2.5" x 8'	1881	120	\$380.00
BWH252-100*	2.5" x 10'	2351	240	\$498.00
BWH321-020	3.25" x 2'	627	120	\$179.00
BWH321-080*	3.25" x 8'	2508	120	\$488.00
BWH322-100*	3.25" x 10'	3135	240	\$580.00

* Tapes supplied without plugs.

NOTE: All tapes are provided without controller. You must use a suitable controller or damage to your tape will occur. See controllers following heating mantle section. All tapes .5" or wider are available in 240 volts. Other tape dimensions are available. Price and availability on request. DO NOT OVERLAY TAPES.

Tapes are constructed with two foot long high temperature, insulated lead wires emerging from opposite ends of the heating tape into an integrally molded plug for easy connection to your controller.



- 35 - 40 gauge finely stranded resistance wire.
- Double-braided Fiberglass yarn insulation
- Chain-knitted Fiberglass weft cords

**48 Hour or Sooner
Express Shipping
Guaranteed!***



*see inside front cover for details

Heating Tapes

QUARTZ TO 800°C (1472°F)

Electrothermal



OUR HIGHEST TEMPERATURE!

- — Quartz Heat Tape
- — Designed for many applications
- — Temperature ranges to 800°C (1472°F)

HT7, HT9 SERIES - UP TO 450°C (842°F)

- Constructed of high temperature resistant glass fabric for temperatures up to 450°C.
- Inorganic core double glass covered heating element protected by 2 layers of glass fabric.
- Grounded wire makes HT9 tapes safe for applying to metal pipes.
- Free moving and self-adjusting elements.
- Eyelets and tie-cord provide secure fixing.

HT5 SERIES - UP TO 800°C (1472°F)

- Quartz braided element is woven into an outer quartz fabric cover.
- Recommended for high temperature (up to 800°C) applications.
- Laces are provided at each end for secure fixing.
- A 2 ft. (0.61m) lead with terminal block provided.

HT6 SERIES - UP TO 450°C (842°F)

- Glass fiber insulation.
- A .5 meter cold lead with connector provide.
- Safe for applying to metal pipes.
- Laces are provided at each end for secure fixing.
- Fixing to single and double curvature surfaces.

NOTE: All tapes are provided without controller. You must use a suitable controller or damage to your tape will occur. See controllers following heating mantle section. To order 115V units add a suffix of X1 to the model number. i.e. HT75503 is 230V and HT75503X1 is 115V. Tapes are not water resistant and should always be used in dry conditions and never for outdoor applications.

ORDERING INFORMATION

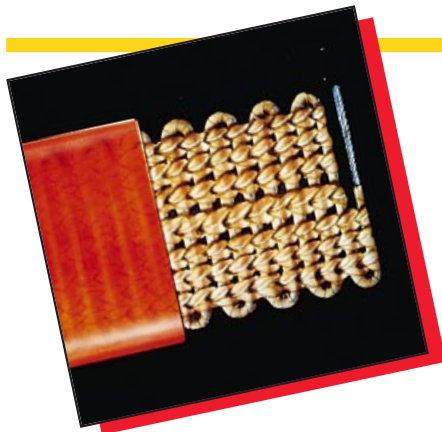


Model #	Length ft. (m)	Watts	Volts	US List Price
HT7 & HT9 Series, Standard width 1" (25 mm) - Temperatures to 450°C (842°F)				
HT75502	2 (0.61)	100	115/230	\$77.00
HT75503	3 (0.91)	150	115/230	\$96.00
HT75504	4 (1.22)	200	115/230	\$123.00
HT75506	6 (1.83)	300	115/230	\$165.00
HT75508	8 (2.44)	400	115/230	\$172.00
HT75512	12 (3.66)	600	115/230	\$203.00
HT75516	16 (4.88)	800	115/230	\$256.00
HT75524	24 (7.32)	1200	230	\$352.00
HT75532	32 (9.76)	1600	230	\$598.00
HT95502	2 (0.61)	100	115/230	\$148.00
HT95503	3 (0.91)	150	115/230	\$159.00
HT95504	4 (1.22)	200	115/230	\$192.00
HT95506	6 (1.83)	300	115/230	\$203.00
HT95508	8 (2.44)	400	115/230	\$224.00
HT95512	12 (3.66)	600	115/230	\$301.00
HT95516	16 (4.88)	800	115/230	\$380.00
HT95524	24 (7.32)	1200	230	\$486.00
HT95532	32 (9.76)	1600	230	\$596.00
HT5 Series, Standard width 1" (25 mm) - Temperatures to 800°C (1472°F)				
HT550	2 (0.61)	200	115/230	\$246.00
HT551	4 (1.22)	400	115/230	\$328.00
HT552	6 (1.83)	600	115/230	\$436.00
HT553	8 (2.44)	800	115/230	\$596.00
HT558	16 (4.88)	1600	115/230	\$1023.00
HT6 Series, Standard width .5 (12.5) and 1" (25 mm) - Temperatures to 450°C (842°F)				
HT640	.5 (12.5) x 2 (0.61)	100	115	\$115.00
HT641	.5 (12.5) x 4 (1.22)	200	115	\$126.00
HT642	.5 (12.5) x 6 (1.83)	300	115	\$137.00
HT643	.5 (12.5) x 8 (2.44)	400	115	\$158.00
HT650	1 (25) x 2 (0.61)	200	115	\$126.00
HT651	1 (25) x 4 (1.22)	400	115	\$147.00
HT652	1 (25) x 6 (1.83)	600	115	\$202.00
HT653	1 (25) x 8 (2.44)	800	115	\$224.00

Heating Tapes

SILICONE RUBBER AND GROUNDED HEATING

Thermolyne



SILICONE RUBBER EXTRUDED TAPES

This tape is constructed of standard, insulated Fiberglass heating tapes completely encapsulated in void-free high strength, high-temperature silicon rubber. Designed to be moisture, chemical and abrasion resistant.

ORDERING INFORMATION

Model #	Dimensions	Watts	Volts	US List Price
Silicone rubber 260°C (500°F) Standard Insulated				
BS0051-020	.5" x 2'	52	120	\$63.00
BS0051-040	.5" x 4'	104	120	\$70.00
BS0051-060	.5" x 6'	156	120	\$82.00
BS0051-080	.5" x 8'	209	120	\$92.00
BS0051-100	.5" x 10'	261	120	\$104.00
BS0051-120	.5" x 12'	313	120	\$118.00
BS0101-020	1" x 2'	104	120	\$86.00
BS0101-040	1" x 4'	209	120	\$106.00
BS0101-060	1" x 6'	313	120	\$125.00
BS0101-080	1" x 8'	418	120	\$146.00
BS0101-100	1" x 10'	522	120	\$165.00
BS0101-120	1" x 12'	627	120	\$190.00
BS0101-140	1" x 14'	731	120	\$215.00
BS0101-160	1" x 16'	836	120	\$233.00
BS0101-200	1" x 20'	1045	120	\$267.00
BS0201-020	2" x 2'	209	120	\$113.00
BS0201-040	2" x 4'	418	120	\$159.00
BS0201-060	2" x 6'	627	120	\$226.00
BS0201-080	2" x 8'	836	120	\$278.00
BS0201-100	2" x 10'	1045	120	\$309.00
BS0201-140	2" x 14'	1463	120	\$352.00
BS0201-160	2" x 16'	1672	120	\$402.00
BS0201-200	2" x 20'	2090	120	\$493.00

Tape Tie Cords not included.

GROUNDED SILICONE RUBBER EXTRUDED TAPES

These heavy insulated grounded heating tapes consist of a resistance wire wrapped in a layer of kapton tape, braided by two more layers of fiberglass insulation, then braided by a ground wire and covered with Silicone Rubber. Designed for strict grounding requirements, these tapes are moisture, chemical and abrasion resistant.

BUILT-IN CONTROLLER, GROUNDED TAPES

These heating tapes have a built-in controller and are constructed of standard, insulated Fiberglass. Completely encapsulated in void-free high-strength, high-temperature silicon rubber, these tapes are designed to be moisture, chemical and abrasion resistant.

ORDERING INFORMATION

Model #	Volts	Watts	Dimensions	Range	US List Price
Grounded Extruded Standard Insulated Tapes - Temperatures to 232°C (450°F)					
BS0101-020LG	120	104	1" x 2'	232°C	\$217.00
BS0101-040LG	120	209	1" x 4'	232°C	\$231.00
BS0101-060LG	120	313	1" x 6'	232°C	\$344.00
BS0101-080LG	120	418	1" x 8'	232°C	\$410.00
BS0101-100LG	120	522	1" x 10'	232°C	\$430.00
BS0102-020LG	240	104	1" x 2'	232°C	\$217.00
BS0102-040LG	240	209	1" x 4'	232°C	\$231.00
BS0102-060LG	240	313	1" x 6'	232°C	\$344.00
BS0102-080LG	240	418	1" x 8'	232°C	\$410.00
BS0102-100LG	240	522	1" x 10'	232°C	\$490.00
HT 88 Series, Grounded Extruded Tapes - Temperatures to 200°C (392°F)					
HT8804X1	115	80	1" x 4'	200°C	\$135.00
HT8806X1	115	120	1" x 6'	200°C	\$150.00
HT8808X1*	115	160	1" x 8'	200°C	\$165.00
HT8812X1*	115	240	1" x 12'	200°C	\$181.00
HT8816X1*	115	320	1" x 16'	200°C	\$237.00
HT8832X1	115	640	1" x 32'	200°C	\$353.00
HT8824	230	480	1" x 24'	200°C	\$296.00
HT8864	230	1280	1" x 64'	200°C	\$629.00
Built-in Controller, Grounded Heat Tapes - Temperatures to 260°C (500°F)					
BSAT101-020	120		1" x 2'	316°C	\$114.00
BSAT101-040	120		1" x 4'	316°C	\$125.00
BSAT101-060	120		1" x 6'	316°C	\$151.00
BSAT101-080	120		1" x 8'	316°C	\$161.00
BSAT101-100	120		1" x 10'	316°C	\$172.00

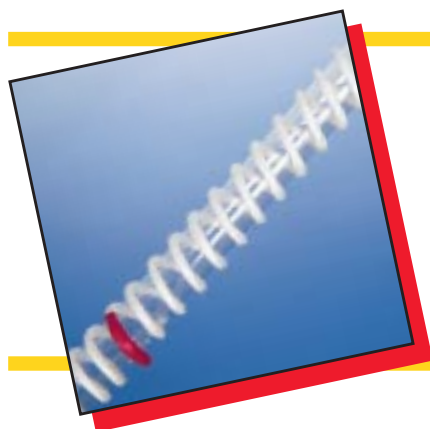
Grounded LG Tapes supplied without plugs.

* Also available in 230 V

Heating Tapes

FLEXIBLE HEATING CORDS

Electrothermal



GREAT FOR HEATING SMALL TUBES!

- — Available in quartz or Fibrox Heavy construction
- — Designed for a wide variety of applications
- — Temperature ranges to 800°C

FIBROX™ HEAVY INSULATED HEATING CORD

- Temperature ranges to 480°C (900°F).
- Heating cord constructed of standard insulated, braided heating tape with heavy fabric covering.
- Ideal for heating small tubes or vessels in tight spaces.
- Designed for direct contact on conductive surface.
- Resists moisture vapors and solvent.

QUARTZ INSULATED HEATING CORDS

- Temperature ranges to 800°C (1472°F).
- Quartz cord insulation.
- Nickel/chrome heating element wound on an inorganic core.
- Two ft. (0.61 m) of insulated unheated flexible lead at each end of the heating section.
- Covered with a tough external sheath of braided quartz fiber.
- CE marked.

GLASS INSULATED HEATING CORD

- Temperature ranges to 450°C (842°F).
- Glass cord insulation.
- Nickel/chrome heating element wound on an inorganic core.
- Four ft. (1.22 m) of insulated unheated flexible lead at each end of the heating section.
- Covered with a tough external sheath of braided glass fiber.
- Where processes require observation, this heater, used in conjunction with transparent tubing, will provide the ideal solution.

ORDERING INFORMATION

Model #	Length ft. (m)	Watts	Volts	US List Price
Fibrox Heavy Insulated Heating Cord (3/16" wide) - Temperatures to 480°C (900°F)				
LAB314-001	3 (0.9)	65	115	\$56.00
LAB314-002	6 (1.8)	130	115	\$62.00
LAB314-003	12 (3.6)	260	115	\$92.00
LAB314-005	2 (0.61)	60	115	\$53.00
LAB314-006	4 (1.22)	85	115	\$53.00
LAB314-008	8 (2.44)	180	115	\$65.00

Quartz Insulated Heating Cord - Temperatures to 800°C (1472°F)

HC101X1	1 (0.305)	60	115	\$71.00
HC102X1	2 (0.61)	120	115	\$82.00
HC103X1	4 (1.22)	240	115	\$93.00
HC104X1	8 (2.44)	480	115	\$126.00
HC105X1	16 (4.88)	960	115	\$159.00
HC106	32 (9.76)	1920	230	\$246.00

Glass Insulated Heating Cord - Temperatures to 450°C (842°F)

HC501X1	1 (0.305)	100	115	\$159.00
HC502X1	2 (0.61)	200	115	\$192.00
HC503X1	4 (1.22)	400	115	\$203.00
HC504X1	8 (2.44)	800	115	\$410.00
HC505	16 (4.88)	1600	230	\$596.00

All HC models available in 115 and 230 V except HC106 and HC505 which are available in 230V only.

Heating Tapes/Mats/Blankets

CONTROLLERS

Electrothermal

Model MC810BX1



A CONTROLLER FOR ALL YOUR NEEDS!

- — Range of controllers for single, double and triple place
- — Both percentage off/on and proportional controllers



ORDERING INFORMATION

Model #	Description	Volts	Watts	US List Price
MC810BX1	Digital Controller	115	3	\$899.00
MC810B	Digital Controller	230	3	\$899.00
MC228	Simmerstat Energy Regulator	230	3	\$126.00
MC228X1	Simmerstat Energy Regulator	115	3	\$126.00
MC227	Simmerstat Energy Regulator	230	3	\$126.00
MC227X1	Simmerstat Energy Regulator	115	3	\$126.00
MC239	Single Place Proportional	230	10	\$120.00
MC239X1	Single Place Proportional	115	10	\$120.00
MC240	Double Place Proportional	230	14	\$173.00
MC240X1	Double Place Proportional	115	14	\$173.00
MC242	Single Place Percentage On/Off	230	10	\$94.00
MC242X1	Single Place Percentage On/Off	115	12	\$94.00
AZ 6706	Temperature probe 400°C (stainless steel)			\$219.00
AZ 6705	Temperature probe 400°C (PTFE covered)			\$207.00
AZ 6741	Temperature probe 800°C			\$181.00

PRODUCT DESCRIPTION

- The MC810B is supplied with PTFE covered platinum resistance thermometer for measurements to 270°C. Zinc die-cast outer case is suitable for use on the bench or can be mounted on a 0.5" (12.7 mm) support rod.
- The MC810B is programmed by the UP/DOWN controls. Three digit LED display enables 1°C resolution over a range of -10°C to 800°C to be set. In addition, a hysteresis range can be set to govern the range of temperature variation in the medium being controlled.
- Single, double placed controllers are also available as percentage off/on or as proportional controllers.

Model CN45500



PRODUCT SPECIFICATIONS

Type	W	Overall Dimensions		Shipping Weight
		Inches (cm)		
		H	D	Lb. (kg)
CN45500	2.5 (6.4)	5.5 (14)	4.13 (10.5)	2.5 (1.1)

ORDERING INFORMATION

Model#	Electrical (50/60 Hertz) Volts	Max Load Current	US List Price
CN45515	115	15 Amps	\$136.00
CN45510	240	15 Amps	\$136.00
CN45510-26*	240	15 Amps	\$136.00

* Supplied with European cord set.

PRODUCT DESCRIPTION

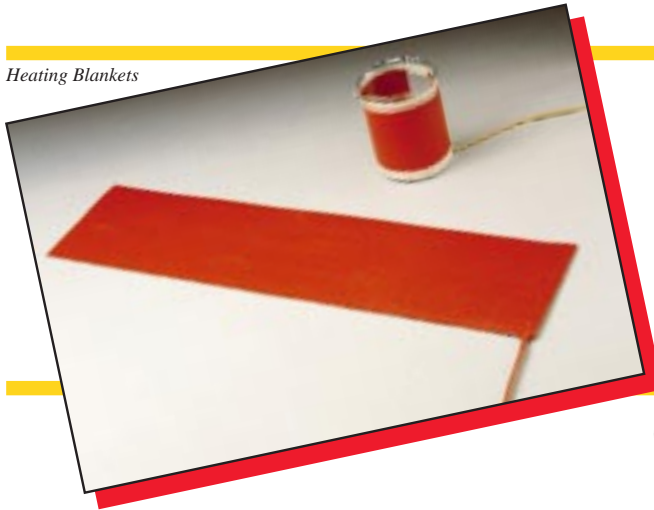
- Practical, low cost temperature control for heating tapes, mats and mantles.
- Built-in cycle and "Power On" lights for quick operation.
- Control compensates for line voltage fluctuations and ambient temperature changes.
- Includes a three-wire cord and plug.

Heating Mats / Blankets

SILICONE RUBBER

Thermolyne

Heating Blankets



MOISTURE RESISTANT!

- — Silicone rubber laminated
- — Resistant to moisture, weather, ozone gases and most chemicals
- — Available with pressure sensitive back

PRODUCT DESCRIPTION

- Designed for special laboratory heating applications requiring temperature uniformity under changing ambient conditions.
- Mats and blankets are silicone rubber laminated, resistant to moisture, weather, most chemicals, and ozone gases. Suitable for direct contact on conductive surfaces.
- Easily applied to clean, dry surfaces or vessels with Thermolyne's special adhesive tapes or cement.
- May be ordered with pressure sensitive adhesive for quick-and-easy permanent attachment.
- Temperature may be verified using a Thermolyne Digital Pyrometer, Type PM20700. See Pyrometers.

Type PM20700 Digital Pyrometer



ORDERING INFORMATION

Model #	Overall Dimensions Inches (cm)		Volts	Electrical Watts	Amps	US List Price
	W	L				
Heating Blankets						
SRL04122	3.5 (8.9)	35.4 (89.9)	240	250	1	\$98.00
SRL04122P	3.5 (8.9)	35.4 (89.9)	240	250	1	\$108.00
SRL04292	4.3 (10.9)	28.5 (72.4)	240	2000	1	\$150.00
SRL04292P	4.3 (10.9)	28.5 (72.4)	240	2000	1	\$160.00
SRL06121	6 (15.2)	12 (30.5)	120	180	1.5	\$118.00
SRL06121P	6 (15.2)	12 (30.5)	120	180	1.5	\$125.00
SRL06241	6 (15.2)	24 (61)	120	360	3	\$181.00
SRL06241P	6 (15.2)	24 (61)	120	360	3	\$192.00
SRL12121	12 (30.5)	12 (30.5)	120	360	3	\$181.00
SRL12121P	12 (30.5)	12 (30.5)	120	360	3	\$192.00
SRL12241	12 (30.5)	24 (61)	120	720	6	\$310.00
SRL12241P	12 (30.5)	24 (61)	120	720	6	\$338.00
SRL24241	24 (61)	24 (61)	120	1440	12	\$586.00
SRL24241P	24 (61)	24 (61)	120	1440	12	\$644.00
SLR40352	40.3 (102.4)	35.4 (89.9)	240	2025	8.4	\$1600.00
SLR40352P	40.3 (102.4)	35.4 (89.9)	240	2025	8.4	\$1600.00

Heating Mats

LAB161-001	2 (5.1)	10 (25.4)	120	100	.83	\$205.00
LAB161-002	4 (10.2)	10 (25.4)	120	200	1.67	\$207.00
LAB161-003	6 (15.2)	15 (38.1)	120	450	3.75	\$228.00

* Models with P suffix supplied with pressure-sensitive adhesive.

All Heating Mats and Blankets are available in 240 volts.

ACCESSORIES

Description	Model #	Overall Dimensions		Temp Limit °C (°F)	US List Price
		Inches (cm) W	Yards L		
Adhesive Tape for Heating Mats*	TAX41	0.5 (1.3)	36	178 (350)	\$48.00
Adhesive Rubber (RTV) for Heating Mats**	GSX14			232 (450)	\$34.00
High Temperature Aluminum Tape	TAX26	2 (5.1)	60	149 (300)	\$173.00
High Temperature Aluminum Tape	TAX37	1 (2.5)	60	316 (600)	\$185.00

* When adhesive tape is exposed to maximum temperatures the tape cannot be removed or reused as the adhesive will become hardened.

** Adhesive cement may become permanently attached to vessel.

NOTE: The heat transfer characteristics of Thermolyne Heating Tapes can be improved by wrapping the outside of the heating tape and/or the object being heated.

Heating Mats

SILICONE RUBBER

Electrothermal



MATS FOR ALL USES!

- — Silicone rubber lamination
- — Resistant to moisture, weather, ozone gases and most chemicals
- — Available in many different sizes

PRODUCT DESCRIPTION

- Temperature Range: -60°C to 200°C. Adhesive backed mats maximum temperature 180°C.
- Construction: Standard; 2 ply, 0.1 cm thick, moisture resistant. Optional: 4 ply, 0.25 cm thick double insulated.
- The heater is constructed by securing a formed element wire between two sheets of semi-cured textile reinforced silicone rubber.
- Single or double core connecting leads are potted in to the edge of the mat using silicone rubber compound to give a strong electrical and mechanical joint.
- Element can be pitched evenly within the mat to give uniform heating or can be graduated to give differing amounts of heat across the surface of the mat.
- Readily controllable, can be adhered to most surfaces and are strong enough to be used in most demanding environments.
- The thickness and flexibility of these mats make them very easy to apply. An adhesive is available to bond the mat to most surfaces.

APPLICATIONS

- Warming of tanks and vessels.
- Warming of surfaces: platens, hotplates, food, chocolate, preheating of moulds, trays, tables and plastics.
- Warming of enclosures: Instrument packages, electrical cabinets, incubators, curing and drying ovens, food cabinets, freeze dryers, de-icing.

NOTE: Heat sensors can be embedded into the mat during manufacture for connection to control or measurement circuits. Holes, cut-outs and most irregular shapes of mats can be accommodated.

Design Service: Advise us of your heating requirement and we will provide a full proposal including power and control requirements.

ORDERING INFORMATION

Model #	Dimensions Inches (cm)		Electrical (50/60 Hertz)		US List Price
	W	L	Watts	Volts	
ERS8100	4 (10)	6 (15)	15	12 Vac	\$88.00
ERS8101	4 (10)	8 (20)	30	12 Vac	\$118.00
ERS8102	6 (15)	8 (20)	30	12 Vac	\$118.00
ERS8103	2 (5)	2 (5)	2.5	12 Vdc	\$475.00
ERS8104	2 (5)	4 (10)	5	12 Vdc	\$52.00
ERS8201	3 (7.5)	6 (15)	75	115	\$88.00
ERS8202	12 (30)	24 (60)	300	115	\$278.00
ERS8301	3 (7.5)	6 (15)	75	230	\$88.00
ERS8302	4 (10)	6 (15)	50	230	\$79.00
ERS8303	4 (10)	4 (10)	100	230	\$79.00
ERS8304	4 (10)	12 (30)	100	230	\$121.00
ERS8305	6 (15)	6 (15)	100	230	\$121.00
ERS8306	10 (25)	6 (15)	200	230	\$168.00
ERS8307	8 (20)	12 (30)	200	230	\$181.00
ERS8308	8 (20)	12 (30)	400	230	\$181.00
ERS8309	8 (20)	16 (40)	150	230	\$183.00
ERS8310	8 (20)	16 (40)	250	230	\$203.00
ERS8311	8 (20)	16 (40)	500	230	\$216.00
ERS8312	12 (30)	16 (40)	250	230	\$154.00
ERS8313	12 (30)	16 (40)	500	230	\$164.00
ERS8314	12 (30)	24 (60)	300	230	\$278.00
ERS8315	16 (40)	16 (40)	500	230	\$278.00
ERS8316	18 (45)	18 (45)	500	230	\$311.00
ERS8317	20 (50)	20 (50)	750	230	\$358.00
ERS8601	4 (10) dia.		8	12 Vdc	\$66.00
ERS8602	3 (7.5) dia.		30	115	\$78.00
ERS8603	4 (10) dia.		100	230	\$133.00
ERS8604	8 (20) dia.		150	230	\$146.00
ERS8605	12 (30) dia.		200	230	\$168.00

Heating Tapes

BRISKHEAT DRUM HEATERS

Thermolyne



OUR BEST SELLING DRUM HEATERS!

- — Safe for outdoor use
- — Efficient for freeze protections and viscosity control

PRODUCT DESCRIPTION

- Thin-line design provides practical, efficient freeze protection and viscosity control for melting and maintaining materials at elevated temperatures.
- Wrap-around design with spring fasteners assures easy installation.
- Totally integrated watertight assembly prevents environmental moisture from interacting with circuitry.
- Safe for outdoor use.
- Available with a fully encapsulated thermostatic controller. Controller has adjustable setting from 50°F to 425°F.

PRODUCT SPECIFICATIONS

Model #	Drum Size (Gal)	Thickness Inches (cm)	Overall Dimensions Inches (cm)	
			W	L
SRLDHC-300-120	5	0.12 (.31)	4 (10.1)	31 (78.7)
SRLDHC-300-240	5	0.12 (.31)	4 (10.1)	31 (78.7)
SRLDHC-1200-120	55	0.12 (.31)	4 (10.1)	66.5 (168.9)
SRLDHC-1200-240	55	0.12 (.31)	4 (10.1)	66.5 (168.9)

ORDERING INFORMATION

Model #	Volts	Watts	Temp Control °C (°F)	Exposure Temp °C (°F)	US List Price
SRLDHC-300-120	120	300	Adjustable Thermostat 10–218 (50–425)	232 (450)	\$332.00
SRLDHC-300-240	240*	300	Adjustable Thermostat 10–218 (50–425)	232 (450)	\$332.00
SRLDHC-1200-120	120	1200	Adjustable Thermostat 10–218 (50–425)	232 (450)	\$415.00
SRLDHC-1200-240	240*	1200	Adjustable Thermostat 10–218 (50–425)	232 (450)	\$415.00

* Plug is not provided on 240 volt Drum Heaters.

** Maximum continuous exposure temperature.