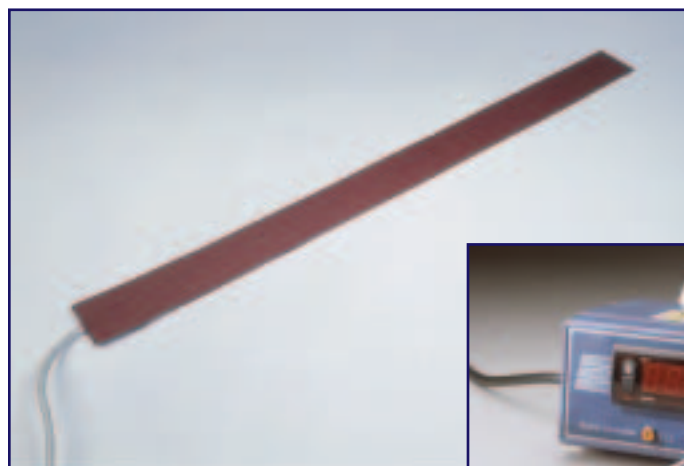


Electrothermal Heating Tapes/Mats



Silicone Rubber



Model # ERS8100



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.

Controller Model # MC810BX1

Mats for All Uses!

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

Product Description

- Operating 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.

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 Hz)		US List Price
	W	L	Watts	Volts	
ERS8100	4 (10)	6 (15)	15	12 Vac	\$95.00
ERS8101	4 (10)	8 (20)	30	12 Vac	\$127.00
ERS8102	6 (15)	8 (20)	30	12 Vac	\$127.00
ERS8103	2 (5)	2 (5)	2.5	12 Vdc	\$50.00
ERS8104	2 (5)	4 (10)	5	12 Vdc	\$57.00
ERS8201	3 (7.5)	6 (15)	75	115	\$95.00
ERS8202	12 (30)	24 (60)	300	115	\$299.00
ERS8301	3 (7.5)	6 (15)	75	230	\$95.00
ERS8302	4 (10)	6 (15)	50	230	\$86.00
ERS8303	4 (10)	4 (10)	100	230	\$86.00
ERS8304	4 (10)	12 (30)	100	230	\$130.00
ERS8305	6 (15)	6 (15)	100	230	\$130.00
ERS8306	10 (25)	6 (15)	200	230	\$181.00
ERS8307	8 (20)	12 (30)	200	230	\$195.00
ERS8308	8 (20)	12 (30)	400	230	\$195.00
ERS8309	8 (20)	16 (40)	150	230	\$197.00
ERS8310	8 (20)	16 (40)	250	230	\$219.00
ERS8311	8 (20)	16 (40)	500	230	\$232.00
ERS8312	12 (30)	16 (40)	250	230	\$166.00
ERS8313	12 (30)	16 (40)	500	230	\$177.00
ERS8314	12 (30)	24 (60)	300	230	\$299.00
ERS8315	16 (40)	16 (40)	500	230	\$299.00
ERS8316	18 (45)	18 (45)	500	230	\$334.00
ERS8317	20 (50)	20 (50)	750	230	\$385.00
ERS8601	4 (10) dia.		8	12 Vdc	\$72.00
ERS8602	3 (7.5) dia.		30	115	\$85.00
ERS8603	4 (10) dia.		100	230	\$144.00
ERS8604	8 (20) dia.		150	230	\$157.00
ERS8605	12 (30) dia.		200	230	\$181.00