

Flexible Heaters

F.O.B.: Columbia, Missouri

Silicone Rubber

Wire-Wound Element

Width in (mm)	Length in (mm)	Watts	Availability	120V~(ac) Code No.	240V~(ac) Code No.
1 (25)	2 (50)	10	Stock	010020C1	
	3 (75)	15	Stock	010030C1	
	4 (100)	20	Stock	010040C1	
	5 (125)	25	Stock	010050C1	
	5 (125)	25	Stock		010050C2
	10 (255)	50	Stock	010100C1	
	10 (255)	50	Stock		010100C2
	15 (380)	75	Stock	010150C1	
	15 (380)	75	Stock		010150C2
	20 (510)	100	Stock	010200C1	
	20 (510)	100	Stock		010200C2
	25 (635)	125	Stock	010250C1	
	30 (760)	150	Stock	010300C1	
	35 (890)	175	Stock	010350C1	
	40 (1015)	200	Stock	010400C1	
80 (2030)	400	Stock	010800C1		
120 (3050)	600	Stock	010F10C1 ^①		
2 (50)	2 (50)	20	Stock	020020C1	
	5 (125)	50	Stock	020050C1	
	5 (125)	50	Stock		020050C2
	10 (255)	100	Stock	020100C1	
	10 (255)	100	Stock		020100C2
	15 (380)	150	Stock	020150C1	
	15 (380)	150	Stock		020150C2
	20 (510)	200	Stock	020200C1	
	20 (510)	200	Stock		020200C2
	25 (635)	250	Stock	020250C1	
	30 (760)	300	Stock	020300C1	
	35 (890)	350	Stock	020350C1	
	40 (1015)	400	Stock	020400C1	

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① 010F10C1 - F = feet (i.e. 10 feet = 120 inches)

Approx. net weight: 8 ounces/ft² (0.24 g/cm²). Standard thickness: 0.055 inch. Standard lead length: 12 inches UL 1180 Teflon®.

Silicone rubber wire-wound elements rated at 5 W/in².

UL® Component Recognition (UR®).

How to Order

To order stock silicone rubber heaters, specify the Watlow code number and the quantity. To order a heater with options, specify the code number, quantity and options desired (**see page 165**). Consult Watlow before combining options.

Made-to-Order: Consult factory.

For **made-to-order** units, Watlow will need the following application information from you:

- Size (dimensions)
- Voltage
- Wattage/watt density
- Operating temperature
- Options (leads, thermostats, attachment techniques, etc.)
- Will heater be subject to flexing?
- Element type, if you have a preference
- Agency approvals
- Quantity

Availability

Stock: Same day shipment of orders received by 11:00 a.m. CST.

Stock with Options: Shipment in five working days or less. Not all options are available with stock heaters.

Flexible Heaters

Silicone Rubber Wire-Wound Element

Width in (mm)	Length in (mm)	Watts	Availability	120V~(ac) Code No.	240V~(ac) Code No.
3 (75)	3 (75)	45	Stock	030030C1	
	5 (125)	75	Stock	030050C1	
	5 (125)	75	Stock		030050C2
	10 (255)	150	Stock	030100C1	
	10 (255)	150	Stock		030100C2
	15 (380)	225	Stock	030150C1	
	15 (380)	225	Stock		030150C2
	20 (510)	300	Stock	030200C1	
	20 (510)	300	Stock		030200C2
	25 (635)	375	Stock	030250C1	
	30 (760)	450	Stock	030300C1	
	35 (890)	525	Stock	030350C1	
	40 (1015)	600	Stock	030400C1	
4 (100)	4 (100)	80	Stock	040040C1	
	5 (125)	100	Stock	040050C1	
	5 (125)	100	Stock		040050C2
	10 (255)	200	Stock	040100C1	
	10 (255)	200	Stock		040100C2
	15 (380)	300	Stock	040150C1	
	15 (380)	300	Stock		040150C2
	20 (510)	400	Stock	040200C1	
	20 (510)	400	Stock		040200C2
	25 (635)	500	Stock	040250C1	
	30 (760)	600	Stock	040300C1	
	35 (890)	700	Stock	040350C1	
	40 (1015)	800	Stock	040400C1	
5 (125)	5 (125)	125	Stock	050050C1	
	5 (125)	125	Stock		050050C2
	10 (255)	250	Stock	050100C1	
	10 (255)	250	Stock		050100C2
	15 (380)	375	Stock	050150C1	
	15 (380)	375	Stock		050150C2
	20 (510)	500	Stock	050200C1	
	20 (510)	500	Stock		050200C2
	25 (635)	625	Stock	050250C1	
	30 (760)	750	Stock	050300C1	
35 (890)	875	Stock	050350C1		
40 (1015)	1000	Stock	050400C1		
6 (150)	5 (125)	150	Stock	060050C1	
	5 (125)	150	Stock		060050C2
	10 (255)	300	Stock	060100C1	
	10 (255)	300	Stock		060100C2
	15 (380)	450	Stock	060150C1	
	15 (380)	450	Stock		060150C2
	20 (510)	600	Stock	060200C1	
	20 (510)	600	Stock		060200C2
	25 (635)	750	Stock	060250C1	
	30 (760)	900	Stock	060300C1	
35 (889)	1050	Stock	060350C1		
40 (1016)	1200	Stock	060400C1		

Flexible Heaters

Approx. net weight: 8 ounces/ft² (0.24 g/cm²). Standard thickness: 0.055 inch. Standard lead length: 12 inches UL 1180 Teflon®.
Silicone rubber wire-wound elements rated at 5 W/in². UL® Component Recognition (UR®).

Flexible Heaters

Silicone Rubber

Etched Foil Element

Width in (mm)	Length in (mm)	Watts	W/in ² (W/cm ²)	Availability	120V~(ac) Code No.	120/240V~(ac) Code No.
1 (25)	5 (125)	25	5 (0.8)	Stock	F010050C3	
	5 (125)	50	10 (1.6)	Stock	F010050C7	
	5 (125)	12.5/50	2.5/10 (0.4/1.6)	Stock		F010050C8
	10 (255)	100	10 (1.6)	Stock	F010100C7	
	10 (255)	25/100	2.5/10 (0.4/1.6)	Stock		F010100C8
	15 (380)	150	10 (1.6)	Stock	F010150C7	
	15 (380)	37.5/150	2.5/10 (0.4/1.6)	Stock		F010150C8
	20 (510)	200	10 (1.6)	Stock	F010200C7	
2 (50)	20 (510)	50/200	2.5/10 (0.4/1.6)	Stock		F010200C8
	5 (125)	100	10 (1.6)	Stock	F020050C7	
	5 (125)	25/100	2.5 /10 (0.4/1.6)	Stock		F020050C8
	10 (255)	200	10 (1.6)	Stock	F020100C7	
	10 (255)	50/200	2.5 /10 (0.4/1.6)	Stock		F020100C8
	15 (380)	300	10 (1.6)	Stock	F020150C7	
	15 (380)	75/300	2.5/10 (0.4/1.6)	Stock		F020150C8
	20 (510)	400	10 (1.6)	Stock	F020200C7	
3 (75)	20 (510)	100/400	2.5/10 (0.4/1.6)	Stock		F020200C8
	5 (125)	75	5 (0.8)	Stock	F030050C3	
	5 (125)	150	10 (1.6)	Stock	F030050C7	
	5 (125)	37.5/150	2.5 /10 (0.4/1.6)	Stock		F030050C8
	10 (255)	300	10 (1.6)	Stock	F030100C7	
	10 (255)	75/300	2.5 /10 (0.4/1.6)	Stock		F030100C8
	15 (380)	450	10 (1.6)	Stock	F030150C7	
	15 (380)	112/450	2.5 /10 (0.4/1.6)	Stock		F030150C8
4 (100)	20 (510)	600	10 (1.6)	Stock	F030200C7	
	20 (510)	150/600	2.5 /10 (0.4/1.6)	Stock		F030200C8
	5 (125)	200	10 (1.6)	Stock	F040050C7	
	5 (125)	50/200	2.5 /10 (0.4/1.6)	Stock		F040050C8
	10 (255)	400	10 (1.6)	Stock	F040100C7	
	10 (255)	100/400	2.5 /10 (0.4/1.6)	Stock		F040100C8
	15 (380)	600	10 (1.6)	Stock	F040150C7	
	15 (380)	150/600	2.5/10 (0.4/1.6)	Stock		F040150C8
5 (125)	20 (510)	800	10 (1.6)	Stock	F040200C7	
	20 (510)	200/800	2.5/10 (0.4/1.6)	Stock		F040200C8
	5 (125)	125	5 (0.8)	Stock	F050050C3	
	5 (125)	250	10 (1.6)	Stock	F050050C7	
	5 (125)	62.5/250	2.5/10 (0.4/1.6)	Stock		F050050C8
	10 (255)	500	10 (1.6)	Stock	F050100C7	
	10 (255)	125/500	2.5/10 (0.4/1.6)	Stock		F050100C8
	15 (380)	750	10 (1.6)	Stock	F050150C7	
6 (150)	15 (380)	187/750	2.5/10 (0.4/1.6)	Stock		F050150C8
	20 (510)	1000	10 (1.6)	Stock	F050200C7	
	20 (510)	250/1000	2.5/10 (0.4/1.6)	Stock		F050200C8
	5 (125)	300	10 (1.6)	Stock	F060050C7	
	5 (125)	75/300	2.5/10 (0.4/1.6)	Stock		F060050C8
	10 (255)	600	10 (1.6)	Stock	F060100C7	
	10 (255)	150/600	2.5 /10 (0.4/1.6)	Stock		F060100C8
	15 (380)	900	10 (1.6)	Stock	F060150C7	
6 (150)	15 (380)	225/900	2.5/10 (0.4/1.6)	Stock		F060150C8
	20 (510)	1200	10 (1.6)	Stock	F060200C7	
	20 (510)	300/1200	2.5/10 (0.4/1.6)	Stock		F060200C8

Flexible Heaters

Approx. net weight: 3 ounces/ft² (0.09 g/cm²). Standard lead length: 12 inches UL 1180 Teflon®.
 Silicone rubber etched foil elements are 0.018 inch thick.
 UL® Component Recognition (UR®).

Flexible Heaters

Silicone Rubber

Etched Foil Stock Heater Coding Configured Options

How to order

To order, complete the code number with the information below:

Etched Foil (p. 175)

F0 _____



• Etched foil heaters not recommended for enclosure heaters.

• For thermostats, standard location is as shown in catalog; standard wiring is integral or series with the heater; alternate location is rotated parallel with heater width; alternate wiring is separate leads for pilot control.

• For thermocouples, J standard is Teflon® insulation; J alternate is fiberglass insulation; K standard is fiberglass insulation.

*1180VDE denotes a cUR® heater plus a VDE stamp.

* For preset thermostats, the heater must be two inches minimum width and five inches minimum length.

Availability:

Modified Stock: Shipment within five working days