

FLEXIBLE SILICONE RUBBER FIBERGLASS INSULATED HEATERS

SRF Series



- ✓ Lightweight Thin, Flexible
- ✓ Available in 2.5, 5 and 10 W/in²
- ✓ -56 to 232°C (-70 to 450°F) Operating Temperature
- ✓ Etched Foil and Wire Wound Design
- ✓ Round or Rectangular Shapes
- ✓ Available in 115 or 230** Vac
- ✓ Optional Pressure Sensitive Adhesive (PSA)[†]



SRF Series shown smaller than actual size.

OMEGALUX® silicone rubber fiberglass insulated flexible heaters can improve heat transfer and speed warm-ups where controlled heating is required in confined areas. Two circuit designs are available: etched foil or wire wound. Heaters with etched foil designed elements are available where the length or width dimension is less than 305 mm (12"). All other heaters where both the length and the width dimensions

exceed 305 mm (12") use the wire-wound element design. Effect of power density: gentle warming is best done with 2.5 W/in². A good all purpose unit is the 5 W/in². Rapid

warm-up and high temperature are achieved with the 10 W/in²; however, temperature must be controlled as the safe maximum operating temperature limit of 232°C (450°F) may be exceeded.

Round Silicone Rubber Heaters

To Order					
Diameter cm (inch)	Total Wattage for Watt Density			Without PSA Model No.	With PSA Model No.
	2.5 W/in ²	5 W/in ²	10 W/in ²		
7.6 (3)	17.5	35	70	SRFR-3/*	SRFR-3/*-P
10 (4)	31.4	62.8	125.6	SRFR-4/*	SRFR-4/*-P
13 (5)	49.0	98.15	196.3	SRFR-5/*	SRFR-5/*-P
15 (6)	70.67	141.3	282.7	SRFR-6/*	SRFR-6/*-P
18 (7)	96.2	192.4	384.8	SRFR-7/*	SRFR-7/*-P
20 (8)	125.65	251.3	502.6	SRFR-8/*	SRFR-8/*-P
23 (9)	157.9	315.8	631.7	SRFR-9/*	SRFR-9/*-P
25 (10)	196.25	392.5	785	SRFR-10/*	SRFR-10/*-P
28 (11)	237.45	474.9	949.8	SRFR-11/*	SRFR-11/*-P
30 (12)	376.8	753.6	1507.2	SRFR-12/*	SRFR-12/*-P

Comes complete with operator's manual

* Insert watt density: 2 for 2.5 W/in², 5 for 5 W/in² or 10 for 10 W/in².

** Most sizes available in 230V. Contact Engineering.

† Heaters with pressure sensitive adhesive: max operating temperature is 149°C (300°F).

Ordering Examples: SRFR-3/10, 7.6 cm (3") diameter heater with a watt density of 10 W/in² and 70 watts of total power.

SRFR-11/10, 28 cm (11") diameter heater with a 10 W/in², 949 watts.

CAUTION AND WARNING!
 Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warning.

Rectangular Silicone Rubber Heaters

To Order						
Width, cm (")	Length, cm (")	Total Wattage for Watt Density			Without PSA Model No.	With PSA Model No.
		2.5 W/in ²	5 W/in ²	10 W/in ²		
2.5 (1)	2.5 (1)	—	—	10	SRFG-101/10	SRFG-101/10-P
2.5 (1)	5 (2)	5	10	—	SRFG-102/*	SRFG-102/*-P
2.5 (1)	7.6 (3)	7.5	15	30	SRFG-103/*	SRFG-103/*-P
2.5 (1)	10 (4)	10	20	40	SRFG-104/*	SRFG-104/*-P
2.5 (1)	13 (5)	12.5	25	50	SRFG-105/*	SRFG-105/*-P
2.5 (1)	15 (6)	15	30	60	SRFG-106/*	SRFG-106/*-P
2.5 (1)	18 (7)	17.5	35	70	SRFG-107/*	SRFG-107/*-P
2.5 (1)	20 (8)	20	40	80	SRFG-108/*	SRFG-108/*-P
2.5 (1)	23 (9)	22.5	45	90	SRFG-109/*	SRFG-109/*-P
2.5 (1)	25 (10)	25	50	100	SRFG-110/*	SRFG-110/*-P
2.5 (1)	28 (11)	27.5	55	110	SRFG-111/*	SRFG-111/*-P
2.5 (1)	30 (12)	30	60	120	SRFG-112/*	SRFG-112/*-P
2.5 (1)	46 (18)	45	90	180	SRFG-118/*	SRFG-118/*-P
2.5 (1)	61 (24)	60	120	240	SRFG-124/*	SRFG-124/*-P
2.5 (1)	76 (30)	75	150	300	SRFG-130/*	SRFG-130/*-P
2.5 (1)	91 (36)	90	180	360	SRFG-136/*	SRFG-136/*-P
2.5 (1)	107 (42)	105	210	420	SRFG-142/*	SRFG-142/*-P
2.5 (1)	122 (48)	120	240	480	SRFG-148/*	SRFG-148/*-P
5 (2)	5 (2)	10	20	40	SRFG-202/*	SRFG-202/*-P
5 (2)	7.6 (3)	15	30	60	SRFG-203/*	SRFG-203/*-P
5 (2)	10 (4)	20	40	80	SRFG-204/*	SRFG-204/*-P
5 (2)	13 (5)	25	50	100	SRFG-205/*	SRFG-205/*-P
5 (2)	15 (6)	30	60	120	SRFG-206/*	SRFG-206/*-P
5 (2)	18 (7)	35	70	140	SRFG-207/*	SRFG-207/*-P
5 (2)	20 (8)	40	80	160	SRFG-208/*	SRFG-208/*-P
5 (2)	23 (9)	45	90	180	SRFG-209/*	SRFG-209/*-P
5 (2)	25 (10)	50	100	200	SRFG-210/*	SRFG-210/*-P
5 (2)	28 (11)	55	110	220	SRFG-211/*	SRFG-211/*-P
5 (2)	30 (12)	60	120	240	SRFG-212/*	SRFG-212/*-P
5 (2)	46 (18)	90	180	360	SRFG-218/*	SRFG-218/*-P
5 (2)	61 (24)	120	240	480	SRFG-224/*	SRFG-224/*-P
5 (2)	76 (30)	150	300	600	SRFG-230/*	SRFG-230/*-P
5 (2)	91 (36)	180	360	720	SRFG-236/*	SRFG-236/*-P
5 (2)	107 (42)	210	420	840	SRFG-242/*	SRFG-242/*-P
5 (2)	122 (48)	240	480	960	SRFG-248/*	SRFG-248/*-P
7.6 (3)	7.6 (3)	22.5	45	90	SRFG-303/*	SRFG-303/*-P
7.6 (3)	10 (4)	30	60	120	SRFG-304/*	SRFG-304/*-P
7.6 (3)	13 (5)	37.5	75	150	SRFG-305/*	SRFG-305/*-P
7.6 (3)	15 (6)	45	90	180	SRFG-306/*	SRFG-306/*-P
7.6 (3)	18 (7)	52.5	105	210	SRFG-307/*	SRFG-307/*-P
7.6 (3)	20 (8)	60	120	240	SRFG-308/*	SRFG-308/*-P
7.6 (3)	23 (9)	67.5	135	270	SRFG-309/*	SRFG-309/*-P
7.6 (3)	25 (10)	75	150	300	SRFG-310/*	SRFG-310/*-P
7.6 (3)	28 (11)	82.5	165	330	SRFG-311/*	SRFG-311/*-P
7.6 (3)	30 (12)	90	180	360	SRFG-312/*	SRFG-312/*-P

Comes complete with operator's manual

* Insert watt density: 2 for 2.5 W/in², 5 for 5 W/in² or 10 for 10W/in².

** Most sizes available in 230V. Consult heater sales and engineering.

Ordering Examples: SRFG-208/5-P, 5 x 20 cm (2 x 8") heater with a watt density of 5 W/in², total rated wattage output of 80 watts, with optional pressure sensitive adhesive.

SRFG-208/10, 10 W/in², 160 watts.

Note: Heaters are available in only the watt densities where total wattage is shown. Heaters with pressure sensitive adhesive: max operating temperature is 149°C (300°F).

FLEXIBLE HEATERS

Rectangular Silicone Rubber Heaters

To Order						
Width, cm (")	Length, cm (")	Total Wattage for Watt Density			Without PSA Model No.	With PSA Model No.
		2.5 W/in ²	5 W/in ²	10 W/in ²		
7.6 (3)	46 (18)	135	270	540	SRFG-318/*	SRFG-318/*-P
7.6 (3)	61 (24)	180	360	720	SRFG-324/*	SRFG-324/*-P
7.6 (3)	76 (30)	225	450	900	SRFG-330/*	SRFG-330/*-P
7.6 (3)	91 (36)	270	540	1080	SRFG-336/*	SRFG-336/*-P
7.6 (3)	107 (42)	315	630	1260	SRFG-342/*	SRFG-342/*-P
7.6 (3)	122 (48)	360	720	1440	SRFG-348/*	SRFG-348/*-P
10 (4)	10 (4)	40	80	160	SRFG-404/*	SRFG-404/*-P
10 (4)	13 (5)	50	100	200	SRFG-405/*	SRFG-405/*-P
10 (4)	15 (6)	60	120	240	SRFG-406/*	SRFG-406/*-P
10 (4)	18 (7)	70	140	280	SRFG-407/*	SRFG-407/*-P
10 (4)	20 (8)	80	160	320	SRFG-408/*	SRFG-408/*-P
10 (4)	23 (9)	90	180	360	SRFG-409/*	SRFG-409/*-P
10 (4)	25 (10)	100	200	400	SRFG-410/*	SRFG-410/*-P
10 (4)	28 (11)	110	220	440	SRFG-411/*	SRFG-411/*-P
10 (4)	30 (12)	120	240	480	SRFG-412/*	SRFG-412/*-P
10 (4)	46 (18)	180	360	720	SRFG-418/*	SRFG-418/*-P
10 (4)	61 (24)	240	480	960	SRFG-424/*	SRFG-424/*-P
10 (4)	76 (30)	300	600	1200	SRFG-430/*	SRFG-430/*-P
10 (4)	91 (36)	360	720	1440	SRFG-436/*	SRFG-436/*-P
10 (4)	107 (42)	420	840	1680	SRFG-442/*	SRFG-442/*-P
10 (4)	122 (48)	480	960	—	SRFG-448/*	SRFG-448/*-P
13 (5)	13 (5)	62.5	125	250	SRFG-505/*	SRFG-505/*-P
13 (5)	15 (6)	75	150	300	SRFG-506/*	SRFG-506/*-P
13 (5)	18 (7)	87.5	175	350	SRFG-507/*	SRFG-507/*-P
13 (5)	20 (8)	100	200	400	SRFG-508/*	SRFG-508/*-P
13 (5)	23 (9)	112.5	225	450	SRFG-509/*	SRFG-509/*-P
13 (5)	25 (10)	125	250	500	SRFG-510/*	SRFG-510/*-P
13 (5)	28 (11)	137.5	275	550	SRFG-511/*	SRFG-511/*-P
13 (5)	30 (12)	150	300	600	SRFG-512/*	SRFG-512/*-P
15 (6)	15 (6)	90	180	360	SRFG-606/*	SRFG-606/*-P
15 (6)	18 (7)	105	210	420	SRFG-607/*	SRFG-607/*-P
15 (6)	20 (8)	120	240	480	SRFG-608/*	SRFG-608/*-P
15 (6)	23 (9)	135	270	540	SRFG-609/*	SRFG-609/*-P
15 (6)	25 (10)	150	300	600	SRFG-610/*	SRFG-610/*-P
15 (6)	28 (11)	165	330	660	SRFG-611/*	SRFG-611/*-P
15 (6)	30 (12)	180	360	720	SRFG-612/*	SRFG-612/*-P
15 (6)	46 (18)	270	540	1080	SRFG-618/*	SRFG-618/*-P
15 (6)	61 (24)	360	720	1440	SRFG-624/*	SRFG-624/*-P
15 (6)	76 (30)	450	900	—	SRFG-630/*	SRFG-630/*-P
15 (6)	91 (36)	540	1080	—	SRFG-636/*	SRFG-636/*-P
15 (6)	107 (42)	630	1260	—	SRFG-642/*	SRFG-642/*-P
15 (6)	122 (48)	720	1440	—	SRFG-648/*	SRFG-648/*-P
18 (7)	18 (7)	122.5	245	490	SRFG-707/*	SRFG-707/*-P
18 (7)	20 (8)	140	280	560	SRFG-708/*	SRFG-708/*-P
18 (7)	23 (9)	157.5	315	630	SRFG-709/*	SRFG-709/*-P

Comes complete with operator's manual. * Insert watt density: 2 for 2.5 W/in², 5 for 5 W/in² or 10 for 10W/in².

** Most sizes available in 230V. Consult heater sales and engineering.

Ordering Examples: SRFG-404/5-P, 10 x 10 cm (4 x 4") heater with a watt density of 5 W/in², total rated wattage output of 80 watts, with optional pressure sensitive adhesive.

SRFG-318/5, 5 W/in², 270 watts.

Note: Heaters are available in only the watt densities where total wattage is shown. Heaters with pressure sensitive adhesive: max operating temperature is 149°C (300°F).

Rectangular Silicone Rubber Heaters

To Order						
Width, cm (")	Length, cm (")	Total Wattage for Watt Density			Without PSA Model No.	With PSA Model No.
		2.5 W/in ²	5 W/in ²	10 W/in ²		
18 (7)	25 (10)	175	350	700	SRFG-710/*	SRFG-710/*-P
18 (7)	28 (11)	192.5	385	770	SRFG-711/*	SRFG-711/*-P
18 (7)	30 (12)	210	420	840	SRFG-712/*	SRFG-712/*-P
20 (8)	20 (8)	160	320	640	SRFG-808/*	SRFG-808/*-P
20 (8)	23 (9)	180	360	720	SRFG-809/*	SRFG-809/*-P
20 (8)	25 (10)	200	400	800	SRFG-810/*	SRFG-810/*-P
20 (8)	28 (11)	220	440	880	SRFG-811/*	SRFG-811/*-P
20 (8)	30 (12)	240	480	960	SRFG-812/*	SRFG-812/*-P
20 (8)	46 (18)	360	720	1440	SRFG-818/*	SRFG-818/*-P
20 (8)	61 (24)	480	960	—	SRFG-824/*	SRFG-824/*-P
20 (8)	76 (30)	600	1200	—	SRFG-830/*	SRFG-830/*-P
20 (8)	91 (36)	720	1440	—	SRFG-836/*	SRFG-836/*-P
20 (8)	107 (42)	840	1680	—	SRFG-842/*	SRFG-842/*-P
20 (8)	122 (48)	960	1920	—	SRFG-848/*	SRFG-848/*-P
23 (9)	23 (9)	202.5	405	810	SRFG-909/*	SRFG-909/*-P
23 (9)	25 (10)	225	450	900	SRFG-910/*	SRFG-910/*-P
23 (9)	28 (11)	247.5	495	990	SRFG-911/*	SRFG-911/*-P
23 (9)	30 (12)	270	540	1080	SRFG-912/*	SRFG-912/*-P
25 (10)	25 (10)	250	500	1000	SRFG-1010/*	SRFG-1010/*-P
25 (10)	28 (11)	275	550	1100	SRFG-1011/*	SRFG-1011/*-P
25 (10)	30 (12)	300	600	1200	SRFG-1012/*	SRFG-1012/*-P
25 (10)	46 (18)	450	900	—	SRFG-1018/*	SRFG-1018/*-P
25 (10)	61 (24)	600	1200	—	SRFG-1024/*	SRFG-1024/*-P
25 (10)	76 (30)	750	1500	—	SRFG-1030/*	SRFG-1030/*-P
25 (10)	91 (36)	900	1800	—	SRFG-1036/*	SRFG-1036/*-P
25 (10)	122 (48)	1200	—	—	SRFG-1048/*	SRFG-1048/*-P
28 (11)	28 (11)	302.5	605	1210	SRFG-1111/*	SRFG-1111/*-P
28 (11)	30 (12)	330	660	1320	SRFG-1112/*	SRFG-1112/*-P
30 (12)	30 (12)	360	720	—	SRFG-1212/*	SRFG-1212/*-P
30 (12)	46 (18)	540	1080	—	SRFG-1218/*	SRFG-1218/*-P
30 (12)	61 (24)	720	1440	—	SRFG-1224/*	SRFG-1224/*-P
30 (12)	76 (30)	900	—	—	SRFG-1230/*	SRFG-1230/*-P
30 (12)	91 (36)	1080	—	—	SRFG-1236/*	SRFG-1236/*-P
30 (12)	107 (42)	1260	—	—	SRFG-1242/*	SRFG-1242/*-P
30 (12)	122 (48)	1440	—	—	SRFG-1248/*	SRFG-1248/*-P

Comes complete with operator's manual.

* Insert watt density: 2 for 2.5 W/in², 5 for 5 W/in² or 10 for 10W/in².

** Most sizes available in 230V. Consult heater sales and engineering.

Ordering Example: SRFG-712/5-P, 18 x 30 cm (7 x 12") heater with a watt density of 5 W/in², total rated wattage output of 420 watts, with optional pressure sensitive adhesive.

Note: Heaters are available in only the watt densities where total wattage is shown. Heaters with pressure sensitive adhesive: max operating temperature is 149°C (300°F).

APPLICATIONS

- ✓ Freeze Protection
- ✓ Low Temperature Ovens
- ✓ Heat Tracing Systems
- ✓ Viscosity Control
- ✓ Dehumidification of Motors and Control Devices

SPECIFICATIONS

Wattage: 5 to 1440 Watts

Power: 115 or 230** Vac

Watt Density: 2.5, 5 and 10 W/in²

Lead Wire:

305 mm (12") PFA insulated

Thickness: 0.030 to 0.070", except at lead wire exit

Dielectric Strength: 1250 Vac

Maximum Temperature: heaters without pressure sensitive adhesive, 232°C (450°F); heaters with pressure sensitive adhesive, 149°C (300°F)

Minimum Temperature: -56°C (-70°F)