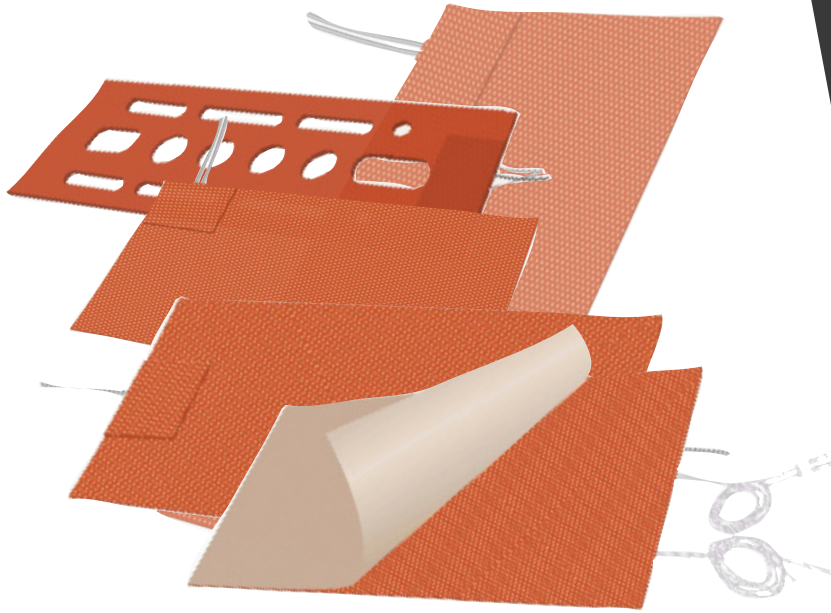




# SILICONE RUBBER HEATERS



## APPLICATIONS

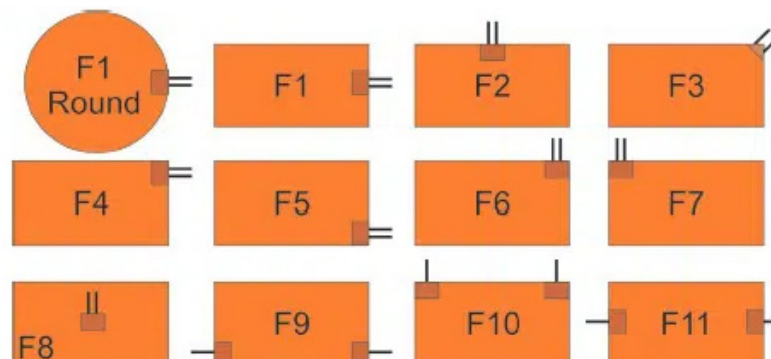
- Condensation Protection
- Aerospace Industry
- Composite Curing
- Freeze Protection
- Irregular Shapes
- Heated Platens
- Food Service
- Pipe Heating

## SPECIFICATIONS

VOLTAGE:	.....	<b>12V to 480V (AC/DC)</b>
LENGTH:	.....	<b>1" TO 120"</b>
WIDTH:	.....	<b>1" TO 36"</b>
THICKNESS	.....	<b>0.060" (STANDARD)</b>
OPERATING TEMPERATURE	.....	<b>-70 TO 450F</b>
LEAD WIRES:	.....	<b>22AWG TEFLON</b>
WATTAGE TOLERANCE:	.....	<b>+5%, -10%</b>

## LEADWIRE OPTIONS

MATERIAL	RATING
Teflon	22awg, 300V, 250°C/482°F
SJO Cable	22awg, 300V, 90°C/194°F
Silicone	22awg, 300V, 150°C/302°F



**TEMPERATURE CONTROLS**

**STANDARD THERMOSTATS**

TYPE	SWITCHING RANGE
5 Watt/in <sup>2</sup>	335-350 ° F
10 Watt/in <sup>2</sup>	248-335 ° F
15 Watt/in <sup>2</sup>	140-248 ° F
20 Watt/in <sup>2</sup>	32-148 ° F
25 Watt/in <sup>2</sup>	32-49 °F

**TEMPERATURE SENSORS**

TYPE	TEMPERATURE RANGE
THERMOCOUPLE J	MAX 600 °F
THERMOCOUPLE K	MAX 600 °F
PT100 RTD	MAX 600 °F

**MAX OPERATING TEMP**

WATT DENSITY (Watt/in <sup>2</sup> )	PSA ( ° F ) (PRESSURE SENSITIVE ADHESIVE)
5	335-350
10	248-335
15	140-248
20	32-148
25	32-49

**SURFACE TEMPERATURE VS. TIME**

