

HEATING BLANKET SELECTION GUIDE

Heat Blanket Series	Voltage	Power Density	Standard Power Cord/Leads	Nominal Thickness
SRL/SRP	120, 208, 240, 277, 480, 600	SRL: 2.5 W/in ² (0.39 W/cm ²) SRP: 1.25 W/in ² (0.19 W/cm ²)	48 in (122 cm) silicone power cord, bare wire, grounded	3/16 in (4.8 mm)
SRL-ADJ/SRP-ADJ (inc. adjustable thermostat)	120, 240	SRL: 2.5 W/in ² (0.39 W/cm ²) SRP: 1.25 W/in ² (0.19 W/cm ²)	6 ft (1.8 m) silicone power cord, 120V 3-prong plug, grounded, NEMA 5-15 Plug, 240V - crimped ferrule lead	3/16 in (4.8 mm)
SRM-ADJ/SRM-ADJB (inc. adjustable thermostat)	120, 240	2.5 W/in ² (0.39 W/cm ²)	6 ft (1.8 m) silicone power cord, bare wire on ADJ, NEMA 5-15 plug on ADJB, grounded	3/16 in (4.8 mm)
SRW	120, 240	5 W/in ² (0.78 W/cm ²)	10 in (25 cm) PFA extruded 22 AWG, bare wire, ungrounded	0.06 in (1.5 mm)
SRX	120, 240 or 12 or 24 VDC	2.5 W/in ² (0.39 W/cm ²)	12 in (30 cm) silicone power cord, bare wire, grounded; conduit connection	3/16 in (4.8 mm)
SR	120, 240	5 W/in ² (0.78 W/cm ²)	6 ft (1.8 m) silicone power cord, optional plug, ungrounded	1/4 in (6.3 mm)
FGH	120, 240	7 W/in ² (1.1 W/cm ²)	6 ft (1.8 m) fiberglass power cord, bare wire or choice of plug, ungrounded	1 in (25.4 mm)
SXH	120, 240	13 W/in ² (2.0 W/cm ²)	6 ft (1.8 m) fiberglass power cord, bare wire or choice of plug, ungrounded	1 in (25.4 mm)
Etched Foil	As specified	Up to 50 W/in ² (7.7 W/cm ²)	Various cord materials, weld pads, or contacts	Polyimide film: 0.006 in (0.15 mm) Silicone rubber: 0.03 in (0.76 mm)
Aluminum Foil	120, 240	3 W/in ² (0.47 W/cm ²)	18 in (46 cm) fiberglass, with bare wire	0.19 in (4.7 mm)

Custom options available, BriskHeat can design a heater for your application. See page 95 for details.

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IP Rating	Maximum Application Temperature	Exposure Temperature	Agency Approvals	Available Options (custom sizes almost always available)	Page No.
IP56	450°F (232°C)	-60°F to 450°F (-51°C to 232°C)	    	Pressure-sensitive adhesive; holes/cutouts; thermostats/high-limits; insulation	84
IP54	SRL: 425°F (218°C) SRP: 160°F (71°C)	-60°F to 450°F (-51°C to 232°C)	    	Pressure-sensitive adhesive; holes/cutouts; thermostats/high-limits; insulation	86
IP54	160°F (71°C)	-60°F to 392°F (-51°C to 200°C)	    (cCSAus and CE on ADJ versions only)	Pressure-sensitive adhesive; holes/cutouts; thermostats/high-limits; insulation	87
-	450°F (232°C)	-60°F to 450°F (-51°C to 232°C)	  	Pressure-sensitive adhesive; holes/cutouts; thermostats/high-limit; grounded; insulation	88
IP54	T3: 292°F (144°C) T4A: 158°F (70°C)	-60°F to 400°F (-51°C to 204°C)	    	Pressure-sensitive adhesive; holes/cutouts; thermostats/high-limits; insulation	90
IP54	450°F (232°C)	-60°F to 450°F (-51°C to 232°C)	  	Pressure-sensitive adhesive; holes/cutouts; built-in thermocouples	91
-	800°F (427°C)	800°F (427°C)	  	Choice of power plugs; plug options compatible with competitors products	96
-	1100°F (593°C)	1100°F (593°C)	  	Choice of power plugs; plug options compatible with competitors products	96
IP50 (IP65 available)	Polyimide film: 500°F (260°C) Silicone rubber: 392°F (200°C)	-70°F (-57°C) to max application temperature	  (upon request)	Pressure-sensitive adhesive; integrated components; multi-zone and distributive wattage; other base materials (silicone, polyester, mica)	97
IP50 (IP65 available)	300°F (149°C)	-40°F (-40°C) to 300°F (149°C)	 	Pressure-sensitive adhesive; semi-rigid aluminum backing plate (0.025 in (0.6 mm) thick)	98