

SILICONE RUBBER COMPOSITE CURING HEATING BLANKETS

Features & Benefits

- ▶ Most durable and flexible composite curing heating blankets
- ▶ Flexible to 0.25 in (6 mm) radii
- ▶ Quick, efficient heat up to 450°F (232°C)
- ▶ Sizes up to 4 ft x 11 ft (1.2 m x 3.3 m)
- ▶ Moisture, chemical, and radiation resistant
- ▶ Boeing approved blankets available upon request
- ▶ Compatible with ACR® hot bonders and your current equipment— wide variety of power plug choices
- ▶ Flexibility makes it suitable for leading and trailing edge applications
- ▶ Durability eliminates the hassle and cost of replacing failed curing blankets
- ▶ Can be used on horizontal and vertical surfaces and on sharp radii surfaces without removing the damaged section
- ▶ Uniform, even heat throughout surface being heated
- ▶ Heater provides smooth surface against repair — no imprints on repaired surface left behind



Specifications

Flexibility: up to 0.25 in (6 mm) radii

Maximum Exposure Temperature: 450°F (232°C)

Power Density: 5 watts/in² (0.78 watts/cm²). Other power densities available upon request.

Heater Construction: Heating element laminated between two layers of silicone rubber, 66-mil thick

Silicone Rubber Density: 66 oz/yd² (2237 grams/m²)

Dielectric Strength: Over 2000 volts

Strain Relief: Built through entire edge of blanket for increased durability

Power Cord: 6 ft (1.8 m) long with choice of power plug. See page 207 for choices

IP Rating: IP54



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Ordering Information

Part Number Matrix

SR	5	120	06X12	C
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Product Series: _____

Watt Density: _____

5-(5 watts/in²)

Voltage: _____

120-(120VAC), 240 (240VAC)

Dimensions: _____

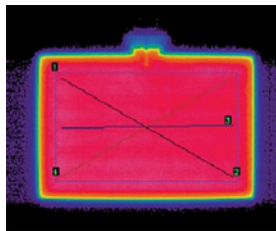
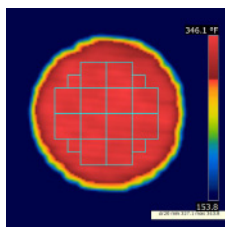
Rectangular, 06X12-(6 in x 12 in)

Round, 12D-(12 in diameter)

Power Plug: _____

See page 207 for choices

Contact us about Boeing Approved heaters and custom options



Custom designs and temperature uniformity testing available upon request

- Cutouts
- Unique shapes and sizes
- Holes
- Lead exit locations
- Notches
- Built-in thermocouples
- Uniformity testing

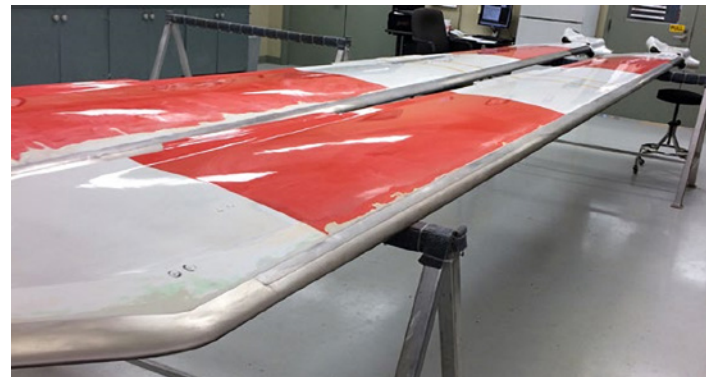
Standard Sizes and Wattage

Rectangular

Width in (mm)	Length in (mm)	Total Watts
6 (152)	6 (152)	180
6 (152)	12 (305)	360
6 (152)	24 (610)	720
8 (203)	8 (203)	320
10 (254)	10 (254)	500
12 (305)	12 (305)	720
12 (305)	24 (610)	1440
16 (406)	16 (406)	1280
18 (457)	18 (457)	1620
24 (610)	24 (610)	2880

Round

Diameter in (mm)	Total Watts
6 (152)	140
8 (203)	250
10 (254)	395
12 (305)	565
14 (356)	770
16 (406)	1005



Large sizes up to 4 ft x 11 ft (1.2 m x 3.3 m)

IMPORTANT: Temperature controller is required for this product. BriskHeat recommends the ACR® 3 or MiniPro™ Hot Bonder. See options starting on page 194.

