

HIGH-TEMPERATURE COMPOSITE CURING HEATING BLANKETS

Features & Benefits

- ▶ Designed for use with the newer high temperature thermoplastic and polyimide composite materials
- ▶ Flexible up to a 1 in (25 mm) radius
- ▶ Compatible with ACR® hot bonders and your current equipment— wide variety of power plug choices

Specifications

Maximum Exposure Temperature:

- FGH series: 800°F (427°C)
- SXH series: 1100°F (593°C)

Power Density:

- FGH series: 7 watts/in² (1.1 watts/cm²)
- SXH series: 13 watts/in² (2.0 watts/cm²)

Heater Construction: Heating element and a 1 in (25 mm) layer of high-density fiberglass is covered in an abrasion resistant fiberglass cloth (FGH) or Samox® cloth (SXH series)

Dielectric Strength: Over 2000 volts

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



**Temperatures
Up to
1100°F (593°C)**

Custom Sizes and Designs Available: Contact BriskHeat® or your local distributor for more information.

Standard Sizes and Wattage

FGH series

Width in (mm)	Length in (mm)	Total Watts
6 (152)	6 (152)	255
6 (152)	12 (305)	504
6 (152)	24 (610)	1008
8 (203)	8 (203)	448
10 (254)	10 (254)	700
12 (305)	12 (305)	1008
12 (305)	24 (610)	2016
16 (406)	16 (406)	1792
18 (457)	18 (457)	2268
24 (610)	24 (610)	4032*

SXH series

Width in (mm)	Length in (mm)	Total Watts
6 (152)	6 (152)	468
6 (152)	12 (305)	936
6 (152)	24 (610)	1872
8 (203)	8 (203)	832
10 (254)	10 (254)	1300
12 (305)	12 (305)	1872
12 (305)	24 (610)	3744*
16 (406)	16 (406)	3328
18 (457)	18 (457)	4212*

* Not available in 120 VAC due to high amperage requirements



Ordering Information

Part Number Matrix

Product Series

FGH-(800°F), SXH-(1100°F)

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

Voltage, 1-(120 VAC), 2-(240 VAC)

Power Plug

See page 207 for choices

FGH	06X12	1	C
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IMPORTANT: Temperature controller is required for this product. BriskHeat recommends the ACR® 3 or MiniPro™ Hot Bonder. See options starting on page 194.

