FGH and SXH High Temperature Composite Curing Blankets

Product Highlights

Temperatures up to

1100°F (593°C)

- Designed for use with the newer high temperature thermoplastic and polymide composite materials
- Highly flexible up to a 1" (25mm) radius
- Compatible with ACR® hot bonders and your current equipment
- CE RoHS Compliant REACH

Specifications:

- Heating element and a 1" (25mm) layer of high-density fiberglass is covered in an abrasion resistant fiberglass cloth (FGH) or Samox® cloth (SXH series)
- Maximum exposure temperature:
  - FGH series: 800°F (425°C)
  - SXH series: 1100°F (593°C)
- Power density:
  - FGH series: 7 watts/in^2 (0.011 watts/mm^2)
  - SXH series: 13 watts/in^2 (0.020 watts/mm^2)
- Dielectric strength of over 2000 volts
- Power cord 6-foot (1.8m) long with choice of power plug

Ordering 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 120VAC due to high amperage requirements

Part Number Matrix

FGH 06X12 1 C

- Product Series FGH-(800°F), SXH-(1100°F)
- Dimensions, 06X12-(6" x 12")
- Voltage, 1-(120VAC), 2-(240VAC)
- Power Plug See page 117 for choices

IMPORTANT: Temperature controller is required for this product. BriskHeat recommends the ACR® 3 or MiniPro™ Hot Bonder

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