

NEW PRODUCT

Sakaguchi's Rubber heater series

High temperature silicone rubber heater

SAMICON®420



- ▶ The name of SAMICON "420" does not stand for the temperature for the heater to be endured in running use.

Feature

Higher operating temperature

Sakaguchi's special insulation material can provide continuous operating temperature 350 deg.C, maximum 400 deg.C.

▶ The value of continuous operating temperature 350 deg.C, is based on our internal evaluation.

Rapid heating up and rapid cooling down

Its thin construction and light weight enable to perform rapid heating response and efficient operation.

Homogeneous temperature distribution

Etched and patterned foil elements provide with homogeneous temperature on its surface.

Larger operating area / Flexible in wattage requirement

Etched foil elements provide better thermal efficiency than wiring elements.

Lead-free

No solder is used.

 Operable temperature depends on your surrounding conditions such as appliance and/or application.
If you have any questions, please free to ask your sales distributor or directly to gbp@sakaguchi.com

Specification

Temperature at heater surface	400 deg.C, (Continuous operation 350 deg.C, Maximum 400 deg.C)
Voltage	~ AC200V±10%
Watt density	Max.1.8W/cm ² at suspended in air, Max.2.0W/cm ² at attached to parts. Flexibility allows in a variety of watt density depending on the application.
Insulation resistance	DC500V 100MΩ or more
Dielectric strength	AC1000V / 1min.(Rated voltage is less than 150V), AC1500V / 1min.(Rated voltage is more than 150V)
Thickness	Less than 1.5mm(Exclude terminal thickness)
Manufacturable dimension	350mm×900mm

CAUTION ▶ Ask us if the heater is to be used in the way to bond with the material to be heated.
▶ SAMICON 420 is not allowed to operate under the condition where to expose to the water or high humid area.



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