

Applications -40°C ... +149°C

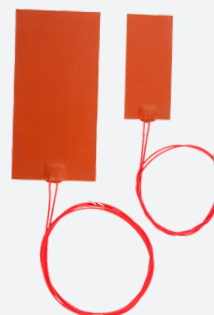
STANDARD SILICONE HEATERS

Producer: Birk Manufacturing Inc.



SPECIFICATIONS

- Temperature range: -40°C .. +149°C
- Maximum operating temperature: +232°C without PSA
- Maximum dimensions: 254 mm x 381 mm
- Minimum dimensions: 6.35 mm x 6.35 mm
- Temperature consistency /Thermal stability: varies
- Maximum resistance density/cm²: n/a
- Maximum power density: varies
- Maximum voltage: varies
- Minimum thickness: 0.76 mm (over leads: 2.54 mm)
- Resistance tolerance: -5% .. +10%
- Dielectric strength: 29.5 kV/mm
- Minimum bending radius: 3.175 mm



STANDARDS

- CE, RoHS, REACH, AS9100D, ISO 13485, ISO 9001

The specifications and features listed in this document are informational purposes only. Actual performance and suitability depend on specific application conditions. Customers should consult with Ing. Fischer GmbH for detailed engineering evaluations and project-specific recommendations before making purchasing decisions. We reserve the right to modify product specifications without prior notice.

CHARACTERISTICS

Graded heating power density		No
Multi-zone heating		No
Multilayer circuits		No
UV resistant		No
Waterproof		No
Submersible		No
Chemically resistant	Yes	
Resistant to oil		No
Vacuum compatible		No
Cleanroom compatible		No
Re-installable		No

Your contact person



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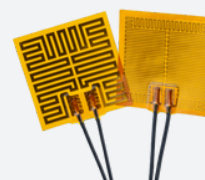
STANDARD KAPTON® HEATERS

Producer: Birk Manufacturing Inc.



SPECIFICATIONS

• Temperature range:	-40°C bis +149°C with PSA (-200°C to +260°C without PSA)
• Maximum operating temperature:	+260°C without PSA
• Maximum dimensions:	254 mm x 381 mm
• Minimum dimensions:	6.35 mm x 6.35 mm
• Temperature consistency /Thermal stability:	varies
• Maximum resistance density/cm ² :	n/a
• Maximum power density:	varies
• Maximum voltage:	varies
• Minimum thickness:	0.25 mm (over leads: 1.78 mm)
• Resistance tolerance:	-5% .. +10%
• Dielectric strength:	197 kV/mm
• Minimum bending radius:	0:8 mm



STANDARDS

- CE, RoHS, REACH, AS9100D, ISO 13485, ISO 9001

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CHARACTERISTICS

Graded heating power density		No
Multi-zone heating		No
Multilayer circuits		No
UV resistant	Yes	
Waterproof		No
Submersible		No
Chemically resistant	Yes	
Resistant to oil	Yes	
Vacuum compatible	Yes	
Cleanroom compatible	Yes	
Re-installable		No

Your contact person



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