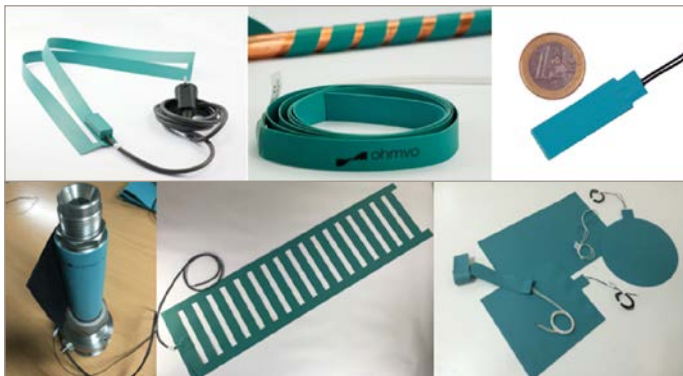


STANDARD OHMMAT - SILICONE FLEXIBLE RESISTORS

OhmMat is a resistive and heating material made up by high-performance silicone. All our products are manufactured using a silicone compound modified in order to improve its thermal conductivity so to reach unparalleled performance compared with other products on the market.

Thanks to our exclusive technology, 98% of our products are designed, customized and manufactured in our own laboratories. We are able to develop solutions for industrial drums heating, protecting components from the ice, repairing resin or composite items and for industrial apparatuses heating. We also offer solutions for the aerospace, rail, automotive and medical sectors, for food products cooking and much more besides ...



MAIN FEATURES

Ohmmats are well known for their ability to reach very high temperatures and a very high power density; they are also flexible and customizable, characteristics that, together with a very competitive price, represent the main strengths of Ohmvo.

- Extremely flexible thanks to the "etched foil" technology on its circuits.
- High power density and high thermal conductivity.
- Possibility to have areas with different power density.
- Uniformed temperature transmission and distribution.
- Fully customizable design.
- Adaptability to different types of surface.
- They can fit flat, cylindrical or conical surfaces and shapes, or take smaller sizes.
- Resistant to water and UV rays.
- Extended Life cycle and resistant to low temperatures.
- Easy installation.
- Compatible with many international standards.
- Special Adhesive up 230°C

MAIN FEATURES

Available Dimensions	Max Width: 600 mm Max Length: 1850 mm (single piece) other sizes possibilities Thickness: 0,4 mm + 3 mm Standard: 1 mm
Available Colors	Green (standard) Gray Red Blu White
Radius of curvature	Up to 3mm Standard: 10mm
Supply Voltage	DC o AC / 0 V + 400 V
Dielectric Strength Test	> 1500 V
Power Density	Fino a 5W/cm ²
Thermal Conductivity	1W/m·K a +100 °C
Maximum Pressure	Up to 9 bar
Maximum Temperature	High Temp. Silicone: -60 °C + 270 °C Standard Silicone: -60 °C + 180 °C
Fixing	Standard Adhesive: Up to 150 °C OhmVo Special Adhesive: Up to 230 °C Mechanical: Springs, Velcro, ...
Cable	Silicone FEP PFA
Accessories	Temperature Limiter Thermostat Temperature sensor (TC type J, K, T, ... - PT100/1000, ...)
Compatibility with Standard	CE IP67 EN 45545-2 EN 50264 / EN 50306 FDA UL V1

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications