Silicone rubber is ideally suited for the production of heater mats with its low thermal mass and superb electrical insulation properties, it allows high power densities with fast response to temperature control. With silicones wide temperature range tolerance of -60°C to 230°C, being thin and lightweight it has a distinct advantage over other forms of heating elements. Where direct precise and intimate heating is required silicone heaters are the ideal solution.

Wire Wound:
Using evenly spaced resistance wires laminated between sheets of silicone, wire wound mats are ideal for prototyping or problem solving applications. Manufactured to customer specifications they can be made in a limitless range of shapes and sizes. High flexibility can be obtained using tough, robust materials which are finding ever increasing applications in industries.

Etch Foil:
Computer designed chemically etched foil tracks are laminated between thin sheets of silicone to give precise even heating. Suitable for both low and high volume production Etched foil heaters have rapid heat up properties with precise temperature control. Available in a limitless range to customer specification etch foil heaters provide heating solutions in a multiple of industries.