Plate resistances are widely used in the plastic, rubber and packaging industry mainly for the heating of presses of molds in our country and around the world.

The basic raw material in the production of plate type resistances are İsinglass plates with excellent thermal transfer capability with high level of electrical insulation. Isinglass plates in themselves are divided into Muscovite and phologopite. Plate-type heating resistances made of Muscovite isinglass are used in applications that require of 250 degrees to 300 degrees temperature and plate type resistances made of phlogopite isinglass is usually used in applications that require temperatures above 300 celsius.

In plate type resistances, the basic principle is that the plate type resistances can transfer heat on both surfaces very well and do not accumulate heat on them. In order to prevent this situation, pressure sheet is usually used on a surface of plate type resistances.

Plate resistances can be produced in required ways. Some of these are straight, round, type I, type U. Apart from these; this type of resistance can be produced with many holes in the surface (connection etc.). Plate type resistances energy outputs can be screwed, wired, terminal and above plug output.