

Polymet is one of the world's leading producers of precision clad metals, thermostat metal parts and assemblies, and shaped materials.

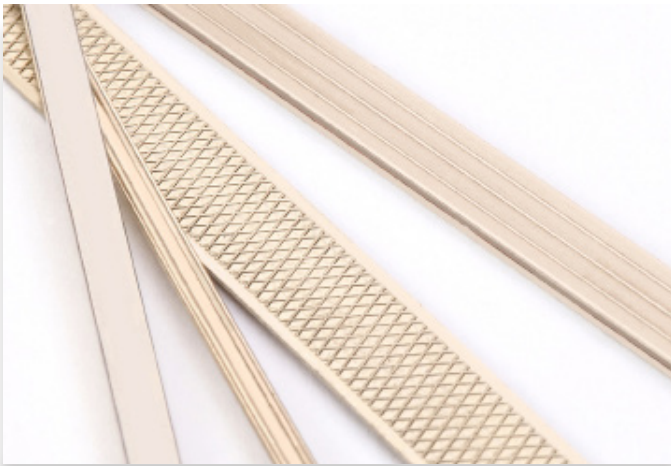
Electrical Contact Tape

Contact tapes are overlay clad materials in two or more layers precision formed to meet the requirements of high-speed, automatic welding equipment for the manufacture of electrical contact assemblies.

By precisely controlling the thickness of the clad layers, contact tape minimizes precious metal usage, maximizes conductivity, and provides a resistive backing for welding.

Polymet's in-house custom v-slit tooling produces contact tapes with as low as a 2:1 width to thickness ratio, while eliminating the burr-up, burr-down condition that would result from conventional slitting.

After v-slitting, the clad material is form-rolled with custom in-house tooling to make a precise profile for the contact surface, and to form a close tolerance weld projection on the bottom to assure highest quality, longest lasting welds.



Contact tapes are formed with diamond, waffle, rail or knurled weld projections in a variety of configurations.

Common contact metals	Common base metals
Fine silver	Copper
Coin silver	Brasses
Sterling silver	Commercial bronze
Silver cadmium oxide	Phosphor bronze
Silver tin oxide	Nickel silver
Silver-nickel	Nickel
Fine gold	Monel
Coin gold (90%Au-10%Cu)	Nickel plated steel
Au-Ag-Pt alloys	Ni-Fe alloys
Many others to suit	Cupro-nickel