

OUR COMPOSITE PLATING PROCESS (CPP)

At Southwest Formseal, we offer an outstanding coating with superior hardness and anti-stick properties. Known as the Composite Plating Process (CPP), it deposits compounds to the surface of our endseals that provide the two properties most desired during bag sealing operations:

- hardness, for long life
- anti-stick, non-stick film release

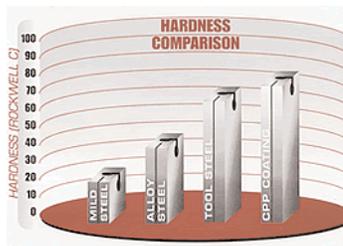
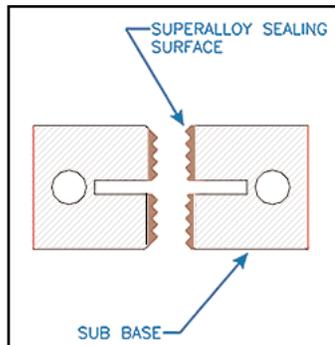
Variations of our CPP coating can be applied to a variety of metals, including steel, stainless steel, aluminum, brass, and bronze. The surface enhancement is an integral part of our commitment to outstanding performance.

Hardness

The high-density CPP coating is uniformly applied to a tolerance level of less than .0002 inches and produces a hardness exceeding that of heat-treated tool steel. Further treatment is then applied to yield the maximum density and hardness necessary for optimal sealing performance.

Film Release

A polymer with dry lubricant is co-deposited on our sealing jaws to provide anti-stick properties for exceptional film release and ease of clean up. This polymer has one of the lowest co-efficient of friction ratios known and works equally well with polyethylene and polypropylene films.



Corrosion Resistance

Our process mechanically locks the coating compounds to the endseal, providing a surface that will not flake, chip or peel off. The dense, non-porous coating prevents build-up of mold and bacteria and does not contaminate the packaged product.

Superalloy-Faced Sealing Jaws

These jaws are ideal for applications involving both high stress and elevated temperatures. They are manufactured in

a safe, cadmium-free brazing process that laminates the nickel/chrome-based superalloy sealing surface to a steel sub base. The sealing surfaces (serrations) are then ground to extremely close tolerances on computer-controlled manufacturing equipment. These endseals, when CPP-coated, produce seals second to none.

We offer both mechanical and heated hole punch options. The self-contained mechanical punch requires no external power sources. Our heated hole punch systems are geared for tougher, stronger packaging films and require an electrical power source.

We also offer a tear notch option for easy-open packages. A tear notch can be incorporated into existing endseals with no alterations to your packaging machinery.

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