Continuous Wire and Strip Tinning - Product Guide

Copper Wire Tinning

The acidity of these fluxes comes from organic acid, as a result it is much less corrosive to tinning equipment than inorganic acid and zinc chloride based fluxes. They leaves minimal, zinc-free residue in the tinning pot after tinning.

Superior No. 462 is a zinc-free, halide-activated, organic acid type flux for continuous tinning of heavy gage copper wire and strip.

Superior No. 460 is a zinc-free, halide-activated, organic acid type flux for high speed continuous tinning of intermediate gage copper wire and strip.

Superior No. 461 is a concentrated zinc-free, halide-activated, organic acid type flux for high speed continuous tinning of fine gage copper wire and strip.

Steel Wire Tinning

Theses fluxes contain zinc chloride, ammonium chloride, and hydrochloric acid for the very demanding operation of continuously tinning to steel. These fluxes are active at room temperature where it begins to clean metals and remove oxides.

Superior No. 74 is a zinc-based, inorganic acid type flux. The fluxing ingredients of this product offers a high degree of fluxing activity in the soldering and tinning temperature ranges for steel wire tinning.

Superior No. 75 is a water-based, general purpose, inorganic-acid flux formulated for soldering stainless steel and other industrial metals.

Superior Flux and Mfg. Co., Cleveland, Ohio 14439, Tel: (440) 349-3000 Fax: (440) 349-3003, info@superiorflux.com
Or contact Bill Avery, Metal Joining Specialist, Phone: (716) 665-2656, william.f.avery@gmail.com

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Brass Strip Tinning

These fluxes can be zinc-free or zinc-based inorganic acid type fluxes. They offers a high degree of fluxing activity in the soldering and tinning temperature ranges for continuous brass and copper strip tinning. They leave minimal residue in the tinning pot after passing through the tinning process.

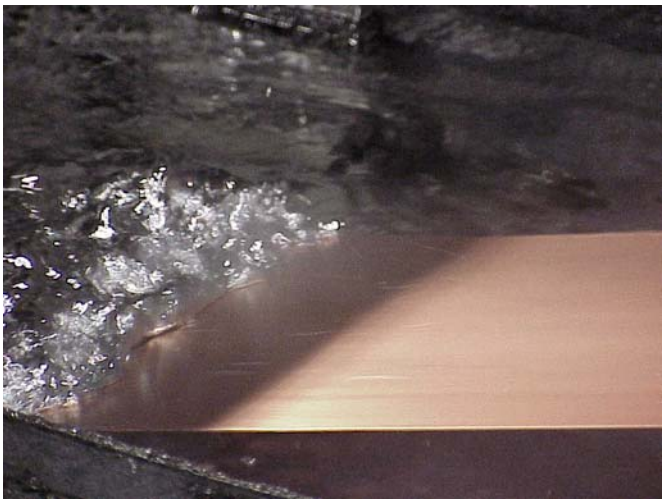
Superior No. 464 is a zinc-free, ammonia-free, mixed organic base - inorganic acid type flux. It is typically diluted 1:1 for common tinning needs.

Superior No. 465 is a zinc-free, ammonia-free, metal halide / organic base - inorganic acid type flux. It is one of the strongest flux offered and can solder very difficult to solder alloys that cannot be soldered even with a zinc-chloride based flux.

Superior No. 74 is a classic zinc-based, ammonium chloride based, inorganic acid type flux. For common soldering tasks it can be diluted with water to extend the amount of material created from the concentrated flux.

Superior No. 73 is a more concentrated version of the classic zinc-based, ammonium chloride based, inorganic acid type flux. Useful for continuous brass strip and general purpose heavy-duty soldering.

Superior No. 28P Soldering Salts are a mixture of zinc chloride and ammonium chloride salts used for high temperature cleaning of tinning apparatus.



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