

conversion coating chemicals for aluminum

Alodine 404

Liquid chemical used for treating formed aluminum cans prior to decorating and interior lacquering. Alodine 404 provides dome staining protection during pasteurization. The product is chromate-free operating at 85°-95°F. Cans must be free from drawing lubricants before treatment. Used in multi-stage power spray washers.

Alodine 4780-4784 Series

A family of single-package liquid replenishers which also produce an amorphous chrome phosphate coating on aluminum and its alloys. These products contain activators in various ratios so that they can be tailored to the specific line operating conditions found on aluminum extrusion processing lines.

Alodine 1000 Liquid

Liquid chemical for both spray and immersion application operating at 70°-160°F. It produces a colorless protective coating on aluminum or aluminum alloys. The coating produced, an amorphous chromate, has improved corrosion-resistance and paint adhesion for clear organic coatings.

Alodine 1500

Concentrated liquid chemical for both spray and immersion application operating at 70°-160°F. It produces a colorless protective coating for aluminum, is an excellent bond for clear organic coatings and is approved for MIL-C-5541C, Class 3, Methods A and C.

Alodine NR Series

Liquid chemicals for roll coat application operating at ambient temperature. These no-rinse, non-polluting, dried-in-place chromate pretreatments produce a corrosion resistant, paint bonding conversion coating on steel, aluminum, and galvanized steel coil.

Alodine 404WB

Liquid chemical used for treating formed aluminum cans prior to decorating. Alodine 404WB allows superior adhesion of certain less tolerant waterborne decoration systems. Unlike Alodine 404, the product will not provide a positive muffle test. Operating temperature is 120°-130°F.

Alodine 4830-4831

Liquid, two-package process for applying a chrome-free conversion coating on aluminum and its alloys. Both products are chrome-free. Application is by either spray or dip at 70°-100°F. The process is of the no-rinse type and can therefore be applied using three stage equipment. Process is not suitable for meeting the requirements of the AAMA 605 High Performance Specification.

Alodine 1200-1200S-1250

Powdered chemicals for spray, immersion or brush application operating at ambient temperatures. They are accelerated chromium-chromate conversion coating products for aluminum producing a protective coating ranging in color from light iridescent gold to tan. Alodine 1200 and 1200S are approved for MIL-C-5541C, Class 1A, Method A, B, C. Alodine 1250 is approved for Methods A and C.

Alodine 1200R

Alodine 1200R is a liquid chemical for roll coat application operating at 70°-100°F. It produces a chromate conversion coating which ranges in color from iridescent gold to tan, on aluminum coil stock.

Alodine NR-2375

Liquid chemical for roll coat application operating at ambient temperature. This no-rinse, dried-in-place product produces a silica-chromate coating for improved corrosion resistance and paint bonding on aluminum, steel and galvanized.

Alodine 407/47-409/49 Series

Two-package liquid products for producing an amorphous chrome-phosphate conversion coating on aluminum and its alloys. The coatings range in color from a light, iridescent blue-green through darker shades of green. Can be applied by either spray or immersion at temperatures between 80°-120°F. Provides excellent paint bonding and corrosion resistance properties on extruded aluminum shapes.

Alodine 600

Powdered chemical for spray, immersion and brush application, operating at 70°-100°F. It produces a chromate conversion coating on aluminum and its alloys, does not contain ferricyanides and is approved for MIL-C-5541C, Class 1A, Methods A, B, and C applications.

Alodine 1201

Liquid, ready-to-use material which produces a chromium-chromate conversion coating on aluminum with good corrosion resistance and paint-bonding properties. Can be used in brush or immersion applications.

Alodine 1225

Liquid chemical for spray or immersion application operating at 90°-140°F. This product is ferricyanide-free and produces an amorphous chromate coating on aluminum.

Alodine NR-6207

Liquid chemical for roll coat application operating at ambient temperature. Produces a trivalent chromium dried-in-place coating used primarily for aluminum can end stock.

alkaline metal cleaners for aluminum

Ridoline 34

Highly alkaline, phosphate-free liquid etching cleaner for aluminum and its alloys. Used in spray applications at a concentration of 0.5% by volume at 140°-160°F. Contains sequestering agents to prevent sludge formation and scale deposits. May require separate Ridosol to improve cleaning.

Ridoline 72

Ridoline 72 is a strong alkaline powdered cleaner for spray application operating at 140°-190°F. Ridoline 72 is non-silicated but contains sequestrants to minimize sludge and scale formation when processing aluminum. It can be used on all metals.

Ridoline 124C/125CO

Concentrated low temp liquid chemicals used to clean two-piece aluminum cans. Ridoline 124C is recommended for difficult to clean lubricants. Ridoline 125CO is most effective for cleaning synthetic lubricants. Operating concentrations are 1% by volume at temperatures of 115° to 140°F. The use of Ridoline 120E, 120 or 120CC is required in conjunction with Ridoline 124C or 125CO.

Ridoline 420

Ridoline 420 is an alkaline liquid etching-type cleaner for spray coil application operating at 140°-180°F. It is formulated to retain dissolved aluminum in solution, thereby preventing hard, scaly deposits on the tank surfaces or heating coils.

Ridoline 38

Highly alkaline, phosphate-free liquid etching cleaner for aluminum and its alloys. Used in spray applications at a concentration of 0.5% by volume at 140°-160°F. Contains sequestering agents to prevent sludge formation and scale deposits. May require separate Ridosol to improve cleaning.

Ridoline 100

Highly alkaline, phosphate-free, liquid etching cleaner for aluminum and its alloys. Used in spray applications at concentrations between 0.5%-1.0% by volume at 90°-110°F. Contains sequestering agents to prevent sludge formation and scale deposits.

Ridoline 140/146

Concentrated liquid chemicals used to clean two-piece aluminum cans that contain superior detergent packages. Operating concentrations are 1% at operating temperature of 120° to 150°F. The use of Ridoline 120E, 120CRX or 120CC is required in conjunction with Ridoline 124C or 125CO.

Ridoline 660E

Ridoline 660E is a powdered alkaline cleaner for two-piece tin plate cans. Recommended operating concentration is 0.4-0.6 oz/gal at 150°-160°F. Ridosol 526 may be added to improve cleaning.

Ridoline 53/57

These products are alkaline powdered cleaners for immersion application operating at 150°F. They are non-etching, non-smutting cleaners used to clean aluminum, zinc, cadmium, and copper alloys.

Ridoline 124

Concentrated low temp liquid chemical used to clean two-piece aluminum cans. Ridoline 124 is recommended for moderate to moderately difficult lubricant removal. The use of Ridoline 120E, 120CRX, or 120CC is required.

Ridoline 411K

Strongly alkaline liquid cleaner for spray application operating at 120°F. Although particularly effective on aluminum, Ridoline 411K can also be used on galvanized and cold rolled steel coil stock.