INNOVALL

GALOL S. A.

COMPANY RESUME

Galol SA, is a subsidiary company of coatings and surface treatments by electrolysis; special chemical coatings, organic, inorganic of conversion, etc. on materials both metallic and non metallic, offering to its customers the collection, treatment and parts return to each customer.

The main focused sectors are the automotive and electronics although currently the company is diversifying its processes to address different types of industries including auxiliary activities in construction, machinery industry, medical equipment and renewable energy systems, among others.

CAPABILITIES

The company has two registered international patents:

- Cluxseal: Process of antioxidant treatment for stranded wire.
- Eslok: Patch process of applying anti-blocking on polyamide threads.

The range of processes that the company could offer includes:

CROMATIPIC®: Offers to the largest industries such as automotive, aviation, motorcycle, health, lighting, appliances and decor, the possibility of chrome finishes using processes that are completely environmentally friendly. They are free of toxic substances or contaminants such as CR, cyanides, copper or nickel, associated with a process used in industries such as microelectronics, aerospace or electro-medical, it is managed to get metal coats without generating liquid discharge, no water consumption and without gas emissions. The CROMATIPIC process is itself an answer to the new "green" processes demand, of clean production, according to the various European directives (IPPC, EU67/758/CE, ELV 2000/53CE - 2002/525/EC) and 7th Framework EU Programme. CROMATIPIC allows optical decorative metallization of a variety of plastics such as ABS, ABS-PC, NORIYL (PPO), polypropylene (PP), polyamide (PA), polycarbonate (PC), polymethylmethacrylate (PMMA), pure or reinforced with inorganic fillers or fibers.

DORRLTECH: Coating is an aluminium organic thin layer applied on an organic zinc base. Systems DORRLTECH B-17 S426/S427 are the only ones for FORD restraints that meet and exceed 1000 hours of corrosion resistance in neutral salt spray (ASTM B117 or DIN 50 021).

MOLYKOTE 3400 A®: This is a dispersion of solid lubricants and corrosion inhibitors in a thermosetting resin. The coating is characterized by its properties to protect the contact surfaces against corrosion and to provide excellent lubrication when it comes to high loads, low speeds, inaccessible areas, shooting of new or refurbished equipment or abrasive or dusty environments. The main applications of this product are in aeronautics, pins, bearings, eccentric, connectors and threaded pins, pins and gear couplings. In automotive under-hood joints exposed to dust, moisture, fuels, oils and other contaminants. Pivots, springs and brake friction surfaces. Moving parts of locks, ventilation, and servo controls.

DELTA-SEAL: A type of organic coating, capable of making the metal more resistant to corrosion. DELTA-SEAL is a top layer ("top coat" on an organic basis, not hydrogenating and serves to:

- Characterization by colour.
- Sealing the Delta-tone surface.
- Increases corrosion protection in salt spray test.
- Reduce the friction for example in screws.
- Solidify the surface (to prevent zinc abrasion)

DELTA-COLL: Its excellent corrosion properties, can delay the white appearance to more than 120 hours in salt spray chamber. The Delta-Coll in some cases reduces the thickness of zinc deposited without significant loss of protection against corrosion.

DELTA-TONE 9000: Non electrolytic coating composed of layers of zinc and aluminium, attached on the steel surface by a chemical reaction. It confers electrical conductivity, high corrosion protection, high temperature resistance, low friction values, cathodic protection and is free of chromium VI and chromium III.

PRECOTE: The PRECOTE ® product range provides sealing properties and autobloc to the threaded elements. The product after drying is completely free of solvents and therefore is not harmful from a toxicological point of view. The advantages of this product are its constant assembly values, low friction coefficient values, stability at high temperatures, chemical resistance, preventing corrosion, and temperature range of work of about 50 ° C to 120 - 170 º C depending on the type of product used.

MAGNI 565: This coating system has a number of advantages such as avoiding hydrogen embrittlement of metal parts, friction coefficient can be modified depending on the product applied, cured at 250° C so there are no changes in the mechanical parts properties, cathodic protection, chemical resistance, environmentally friendly product.

WEB
www.galol.com