

## ADVANCED SURFACE TECHNOLOGIES



Our Range

# Surface Coatings

As a leading coating provider we offer a diverse range of industrial coatings for metal, plastic, rubber and wood, such as:

## Thermosetting Plastics

Epoxy/epoxy polyester powder, epoxy resin release coatings, fusion bonded epoxy (FBE) and zinc rich epoxy systems.

## Thermoplastics

Nylon, polyethylene, and polyurethane

## Fluoropolymers

PTFE, PFA, FEP, F-LON®, F-LON® HB, ECTFE, ETFE, PVDF and PEEK.

## F-LON® Coatings

F-LON® High Build coatings have been developed to provide the ultimate in chemical protection. The range, based on high performance melt processible fluoropolymers including ECTFE, PFA and ETFE, has been formulated to provide enhanced toughness and chemical protection.

These are backed by our strong partnerships and full technical support from major suppliers, including:

- DuPont (Teflon®)
- Whitford (Xylan®)
- Solvay (Halar®)
- Arkema (Rilsan®, Kynar®)
- SBS® Bakeware Technologies
- Acheson (Emralon®, Dag®, Molydag®)
- Akzo Nobel (Interpon®, Cromadex®, Resicoat®)
- Weilburger (Greblon®, Senotherm®)

To suit specific customer requirements, other industrial paint systems are available from suppliers, including Trimite, Jotun and Sigma.

## Ceramic Coatings

We continue to position ourselves at the leading edge of technological advancements in surface coating. Partnering up with Thermolon™ as exclusive applicator and distributor. A tough silicate, with raised structures, akin to those to a lotus leaf.

Alongside its high temperature resistance (up to 450°C) & extreme hardness (up to 9H), its physical characteristics provides excellent chemical, scratch and abrasion resistance.

## Capacity to suit your requirements

Our automated equipment and conveyer ovens are capable of high volume production, whilst large and small batch ovens take care of low volume.

## Refurbishment

Our maintenance and refurbishment service offers controlled removal of surface coatings to restore products to their original condition.

Our service covers most types of process and engineering equipment, including:

- Bakery equipment (dough hoppers, rounders and rollers)
- Chemical processing equipment (centrifuges, agitators and process vessels)
- Handling equipment (guide rails, conveyor slats and feed chutes)
- Packaging machinery (heat seal bars and cutting blades)



For more information on our surface technologies and services or for advice on your specific requirements, please contact our design and technical engineers today

Our Range

# I ndustry Application

## Solution Provider

If you are at the design stage, it is not too soon to consult us. Working with our customers to understand their needs, we recommend the most accurate and cost effective coating to add product value and a distinct competitive advantage.

Our experienced technical team can advise on appropriate materials for your application. If your requirement is out of the ordinary, we can, in many instances, formulate a product for you from our F-LON® range

| Aerospace         | Oil & Gas          | Medical              | Chemical       | Whitegoods         | Automotive             | Industrial                | Food&Beverage            |
|-------------------|--------------------|----------------------|----------------|--------------------|------------------------|---------------------------|--------------------------|
| Bearings          | Ball & Gate Valves | Analytical Equipment | Agitators      | Small Appliances   | Belt Clips             | Bushes & Bearings         | Biscuit Rolls            |
| Bushings          | Nuts & Stud Bolts  | Bed Components       | Centrifuges    | Dishwasher Baskets | Bumper Bars            | Conveyor Sats             | Bread Pans               |
| Couplings         | Pipeline Clamps    | Dental Lamps         | Chemical tanks | Cookware           | Fastners               | Hinge Pins                | Dough Hoppers & Chutes   |
| Gaskets           | Pumps & Valves     | Grab Rails & Handles | Fans           | Griddles           | Roof & Bike Racks      | Plugs                     | Griddles & Hotplates     |
| Impellers         | Subsea Connectors  | Hoists               | Pipe stools    | Kitchen Storage    | Suspension Parts       | Plungers                  | Mixing Vessels           |
| Seals             | Tanks              | Sterilising Baths    | Pumps          | Heating Elements   | Pumps                  | Saw Blades                | Sweet Moulds             |
| Fuel Filters      | Impellers          | Trays & Cabinets     | Mixer Paddles  | Draw Runners       | Formula One Components | Construction Parts        | Mixers                   |
| Engine Components | Mating Parts       | Centrifuge's         | Impellers      | White Goods        | Exhaust Systems        | Heat Seal Bars & Plattens | Bakery Process Equipment |

Fluorocarbon Surface Technologies, backed by the Fluorocarbon Group, provides over 40 years of experience in Coatings and Surface Technology solutions globally.

## Contacts



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