

Colour Anodising

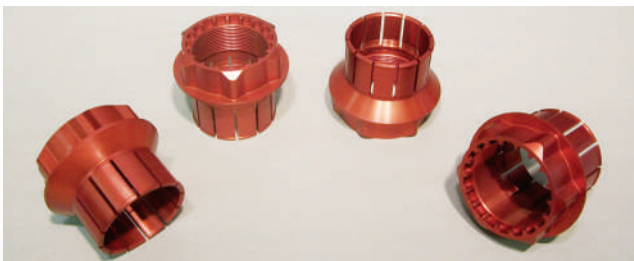
The latest in surface coatings
& product development

Whether you're looking for increased corrosion protection, a harder wearing surface or just a fantastic colour on your aluminium components then anodising is the process for you. The anodised coating thickness and colour can be varied and when anodised the surface is converted to an aluminium oxide layer increasing the wear and abrasive properties of the aluminium. Electromold has the ability and quality endorsement to anodise to many recognized specifications including Military specs such as MIL-A-8625, Type II, Class 1 or 2.

There are limitations to what can be anodised and this depends on what grade of aluminium the components are manufactured from. Poor quality aluminium such as 2011 or components that are made from most cast alloys will result in poor anodising results, also colour and gloss level variation.

Electromold has developed many different surface effects on aluminium alloys. Depending on your desired look we offer mirror polishing, a scotch brite finish, or finished look to give your components the required finish and a unique look. For further details regarding these options please consult our technical staff for advice.

Specification for Clear and Colour Anodising (MIL-A-8625, Type II, Class 1 or 2)



Some of the properties of Sulphuric Acid Anodising are:

- Increased corrosion protection at a minimum of 336 hours Salt Spray Testing
- Increased wear resistance, as you are converting the aluminium into aluminium Oxide
- Can be left unsealed to improve paint bond and lockite bond strengths
- Can be performed on many different surface textures
- Can be anodised with a matt finish and dyed black to eliminate light reflection for laser optics
- A fantastic colour range for that unique decorative look
- The anodised layer formed is extremely thin, non-porous and non-conductive
- Improves equipment operation and performance (and not too bad on the eye)



SPECIALISING IN Electroless Nickel Plating – Nicocover™ • Nickel Teflon Plating®
Hard Nickel Plating – Nicobuild™ • Hard Anodising • Colour Anodising • Chromate Conversion/Alodine
Stainless Steel Passivation • Copper Plating
Custom Coatings Nicoshine™ • Colourshine • Decorative Anodising • Metal Polishing
Spray Painting • Sand Blasting



**ELECTROMOLD
AUSTRALIA PTY LTD**
ABN 97 122 672 244

202 Holt Parade
Thomastown VIC 3074
Tel (03) 9464 0922
Fax (03) 9464 0548
sales@electromold.com.au
www.electromold.com.au

With our latest colour range and gloss levels we are able to offer our customers any combination to achieve your desired finish and texture.

Current colour range

Purple	Blue	Clear
Orange	Black	Stainless Steel look
Lime	Gold	Charcoal
Red	Green	

Electromold is proud to offer our customers the process of Colour Anodising, delivering the same high standards and service that you have come to expect from the leaders in the surface coating industry.

If you require any further information regarding this process or any of Electromold's plating processes, please do not hesitate in contacting us and one of our technical staff will be able to assist you.

