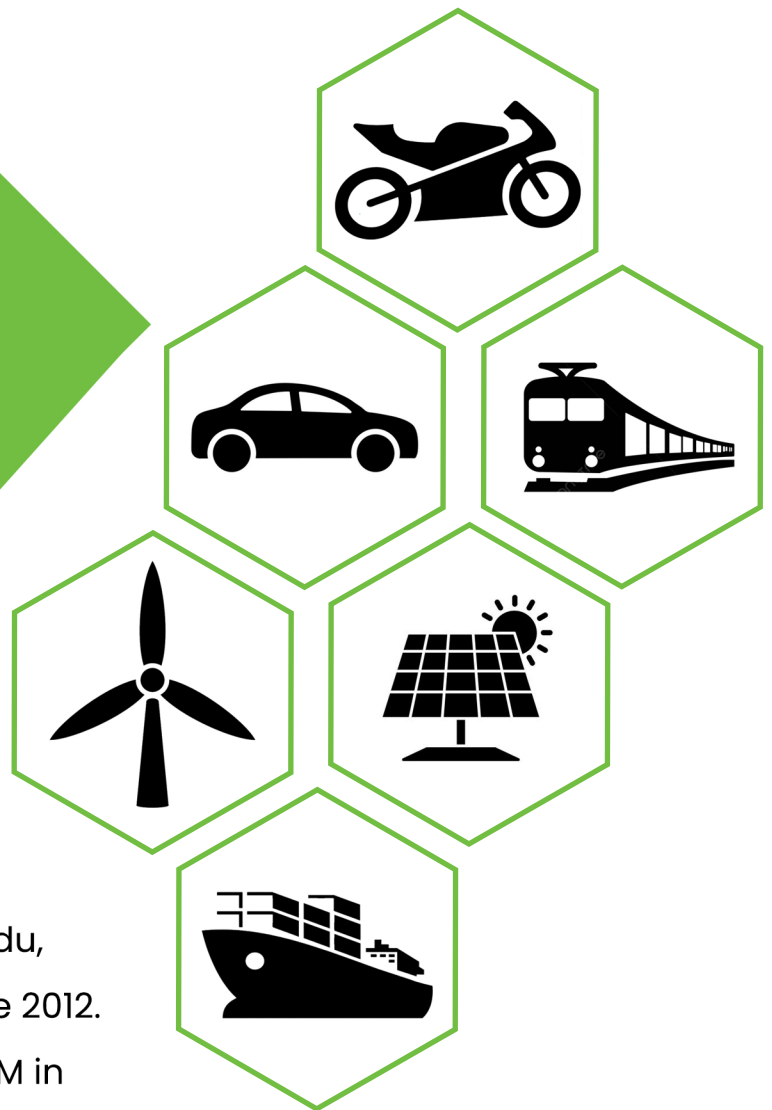


NG Coaters

■ ISO Certified



- ★ Zinc Flake Coating
- ★ PTFE Coating
- ★ Zinc Nickel Plating
- ★ Zinc Iron Plating



About Us

Located at Ambattur, Chennai, Tamilnadu,
We are providing Zinc flake service since 2012.

We are tier 2 suppliers for prominent OEM in
Chennai and across India. With ample experience
in dealing with Tier one companies, we believe we
can deliver customer satisfaction with

Quality, Time & Cost.

Why Zinc Flake?

- To avoid Hydrogen embrittlement issues on high tensile fasteners.
- For higher SST at less coating thickness.
- Less coating thickness therefore avoiding thread rerolling cost & time.
- Electrical Conductivity.
- High heat resistance.
- Can be coated on wide variety of parts.
- Free from pollution.

COATING THICKNESS	SST in HOURS
4 Microns	240 Hours
5 Microns	480 Hours
6 Microns	600 Hours
8 Microns	720 Hours
10 Microns	960 Hours

Standards & Technical Details

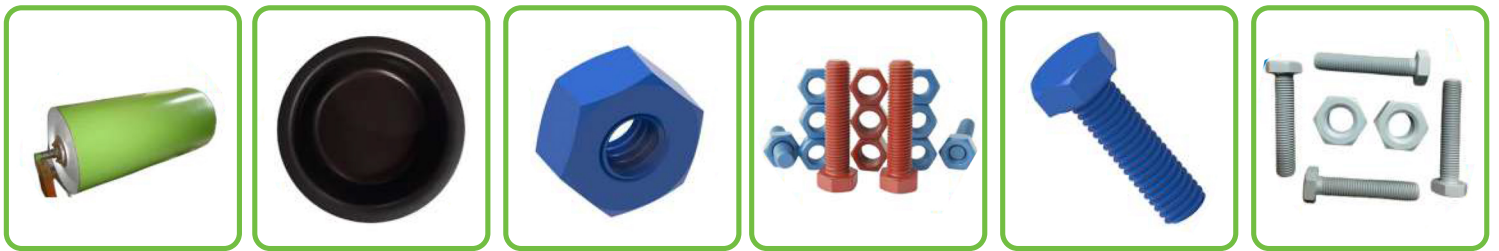
- ISO 10683 for Zinc Flake Coating
- EN 13858 Euro Standards
- ISO 16047 for Torque (COF)
- SST in accordance with ASTM B117



→ PTFE Coating

Polytetrafluoroethylene (PTFE) is a synthetic, non-toxic, and non-flammable fluoropolymer with many applications:

- **Nonstick coating:** PTFE is commonly used as a coating on cookware
- **Industrial applications:** PTFE is used in industrial pipes and hose assemblies, as well as in the manufacture of semiconductors and medical devices.
- **Fabric protector:** PTFE is used to repel stains on formal school-wear.
- **Lubricant:** PTFE is used to prevent captive insects and other arthropods from escaping
- **Film interface patch:** PTFE is used in footwear, insoles, and other medical devices to prevent and relieve friction-induced blisters, calluses, and foot ulceration.
- **Pyrotechnic compositions:** Powdered PTFE is used in pyrotechnic compositions as an oxidizer.



→ Zinc Nickel Plating

Zinc-nickel is a metal alloy that is applied to surfaces as a coating to provide corrosion resistance wear resistance, and thermal stress protection. Zinc-nickel is applied to surfaces through an electroplating process. The process involves applying the zinc-nickel alloy to the surface, followed by a chromate conversion coating to increase corrosion protection. It is widely used in industries such as automotive, aerospace.



- **Corrosion resistance:** Zinc-nickel is more resistant to corrosion than zinc alone, and can provide up to 10 times the protection of conventional zinc plating.
- **Environmental impact:** Zinc-nickel is a safer and more environmentally friendly alternative to cadmium.
- **Wear resistance:** Zinc-nickel provides better wear resistance than conventional zinc & other finishes.
- **Ductility:** Zinc-nickel is ductile, which can provide sacrificial protection if the coating cracks.



Zinc Iron Plating

Zinc iron plating is a process that uses an alloy of zinc and iron to create a protective finish on metal parts:

- **Appearance:** Zinc iron plating can improve the appearance of a part, and can create a blacker part than zinc plating
- **Corrosion resistance:** Zinc iron plating offers enhanced corrosion protection
- **Weldability:** Zinc iron plating demonstrates good weldability
- **Ductility:** Zinc iron plating is ductile
- **Temperature resistance:** Zinc iron plating can withstand high temperatures
- **Chemical resistance:** Zinc iron plating is chemical-resistant
- **Electrical conductivity:** Zinc iron plating is electrically conductive



Contact Us



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