IMPACT IMPEX

R:31, STANDARD BUILDING NO. 2,
120/122 V. V. CHANDAN STREET,
MUMBAI - 400 003, INDIA.
Tel: +91-22-23401191
Mob: +91-9967676717 / +91-9920300607
Email: impactimpex@gmail.com, sales@impactimpex.com
Website: www.impactimpex.com

Fluoropolymer Coatings

Fluoropolymer coatings are blends of high performance resins and Fluoropolymer lubricants. Most of the useful properties of Fluoropolymer are due to fluorine, the most electro-negative element and the most reactive non- metal. Its atomic radius is the smallest next to hydrogen, and it forms extremely strong bonds with other elements. When reacted with Carbon in Fluoropolymer, the extremely strong, tight bond produces an extraordinary combination of properties. These single coat thin films provide excellent corrosion and chemical resistance. Other benefits of Fluoropolymer coatings include reduced friction, resistance to galling, non stick, non wetting, electrical resistance and abrasion resistance. Fluoropolymer coatings are applied to fasteners and various OEM components to provide a longer life before replacement.

Advantages of Fluoropolymer Coatings

Chemical Resistance : Exhibits excellent chemical resistance even under stress and is stable against most chemicals.

Electrical Properties : Exhibits excellent insulation and stable dielectric properties at a wide range of temperatures.

Heat Resistance : Can be used within a wide temperature range.

High Weather Resistance : No deterioration or change in properties as a result of direct sunlight, wing and rain or exposure to exhaust gases. Suitable for outdoor use over long periods.

Non-flammability/Safety : Meets UL specification 94V-0 and is odourless and non-toxic.

Non-Stick : Suitable for a wide range of applications.