



INDUSTRIAL COATINGS

Industrial Coating - Application

Muffler & Silencers

Fasteners

Gasket

Photo Copier & Rubber Roller

Piston & Swash Plate

Mould Release

Textile Roller

Industrial O Ring

Golf Ball

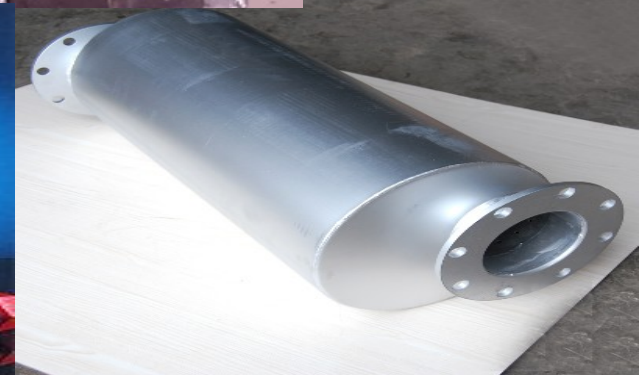
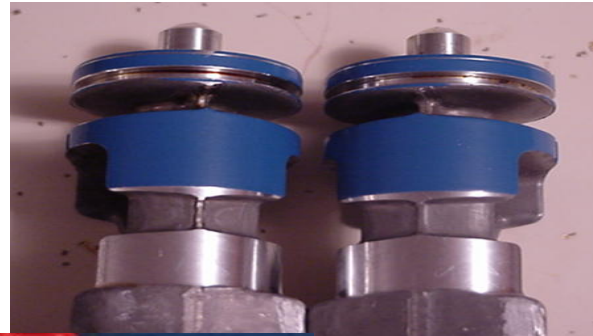
Petrol & Gasoline Resistance

Bearing Cap/ Cages

Garden Tools

Flexible Finish

- ❖ Specially Formulated Wide Range of Coatings
- ❖ Excellent High Heat & Corrosion Resistance
- ❖ Low Friction of Co-efficient with Superior Hardness
- ❖ Wide Range of Color with Flexible Baking Conditions



Low Friction Coatings

- ❖ Specially Formulated exhibits Low Co-efficient Friction
- ❖ Resin + PTFE specially provide reduction in Friction
- ❖ Have Very Good Salt Spray & Chemical Resistance
- ❖ Easy Application with Low Curing Temp. function
- ❖ Mainly used in Fasteners, Gaskets & Auto Engine Parts

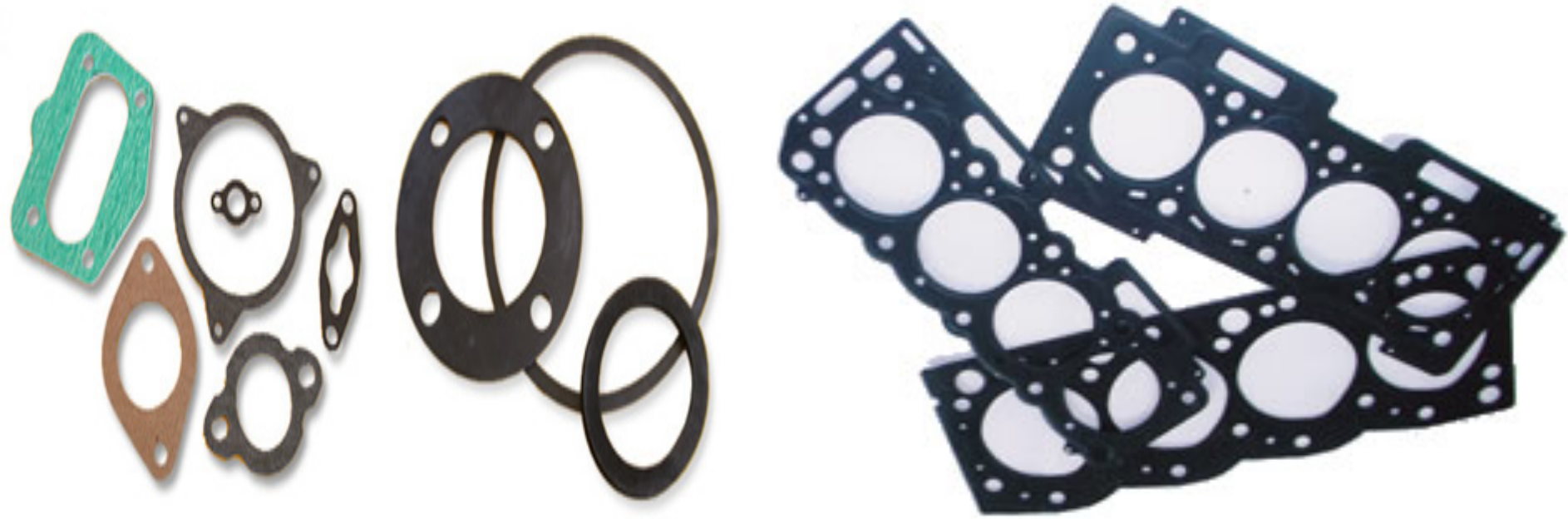
1 / C System Industrial Coating Chemical & Low Friction Ind. Application

Application	Fasteners, Gaskets, Pistons, Engine Parts
Substance	SS, Iron Steel, Cold Rolled Iron & Al. etc.,
Pretreatment	Sand Blasting / Phosphating
Dry Film Thickness (DFT)	22-25 Micron
Baking Temp.	170 - 280°C (338 - 536°F)
Color Availability	Lighter Darker Colors
Heat Resistance	150 - 200°C (302 - 392°F)
Salt Spray Resistance	144 – 240 Hr
Pencil Hardness	3H – 5H



- ❖ 1 / C - Low Cure Solvent Base System
- ❖ Heat Resistance Up to 400 °C
- ❖ Wide Variety of Application –
Single Film, Dry Lubricants, Low Friction & Wear Application & Resistance to Automotive Fluids

**Automotive Engine
Gaskets**



For Piston & Swash Plate

- ❖ 1 / C – Low Cure Solvent Base System
- ❖ Able to match inability
- ❖ 2 Type of Application – Spray & Pad Print
- ❖ 1 / C with multiple Coats achieve higher DFT
- ❖ Very Good Hardness, Wear & PAG Oil Resistance
- ❖ Higher Bearing Durability and Low Co-efficient of Friction

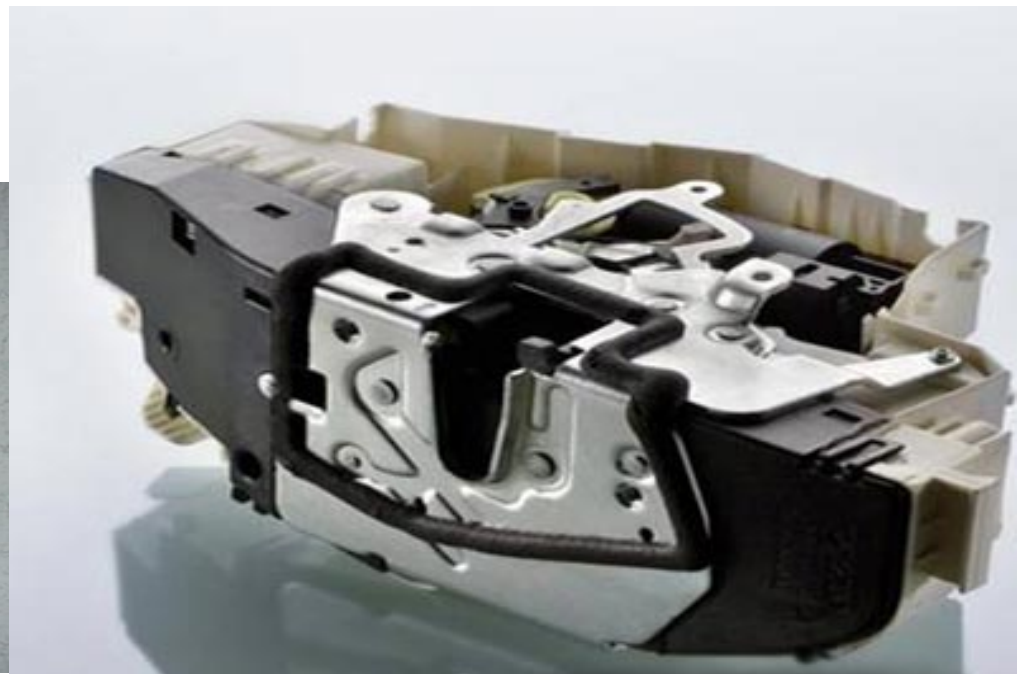
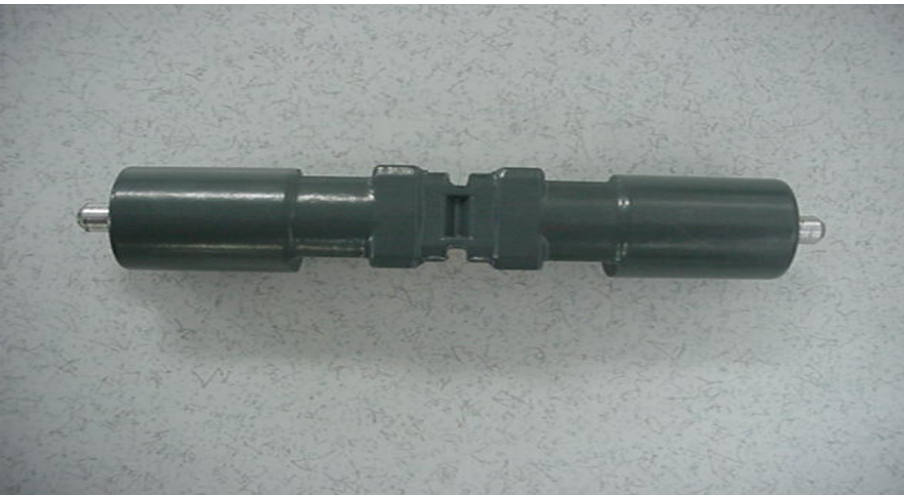
Automotive
Piston

Air Conditioner
Piston

Air Conditioner
Swash Plate



- ❖ 1 / C – Low Cure Solvent Base System
- ❖ Single Film, Dry Lubricants, Low Friction & Wear Application
- ❖ Very Good Chemical Resistance
- ❖ In Addition of Mechanical Properties with Very Good at
Automotive Fluid Resistance
Petrol Resistance
Gasoline Resistance



For Bearing Cap & Cages

- ❖ 1 / C – Low Cure Solvent Base System
- ❖ Single Film used as Secondary Dry Lubricants
- ❖ Provide Low Friction Movements
- ❖ Excellent Chemical Resistance , Dry Lubricity
- ❖ Good at Wear Resistance & Corrosion Resistance



- ❖ 1 / C – Solvent Base System
- ❖ Excellent General purpose Low Friction
- ❖ Prevent Snagging & Reduce to built up Dirt & Sap
- ❖ Offer Good Corrosion & Weathering Resistance
- ❖ Help to prevent damage to Blade and extend life of tools



High Heat Resistance Coatings

- ❖ Specially Formulated with Pure Silicon
- ❖ Withstand Rapid Temperature Changes
- ❖ Have Very Good Salt Spray & Chemical Resistance
- ❖ Special Application where High Heat Resistance Required
- ❖ Mainly used in Mufflers, Pistons, Fasteners & Gaskets



1 / C & 2 / C System Industrial Coating High Heat Resistance Ind. Application

Application	Mufflers, Silencers & other. Electrical Part
Substance	Mild Steel, Cold Rolled Steel
Pretreatment	Sand Blasting / Phosphating
Dry Film Thickness (DFT)	22-25 Micron
Baking Temp.	250 - 280°C (338 - 536°F)
Color Availability	Darker Colors
Heat Resistance	450 - 650°C (842 - 1200°F)
Salt Spray Resistance	144 – 240 Hr
Pencil Hardness	3H – 5H



INDUSTRIAL COATINGS

- ❖ 1 / C & 2 / C - Air Dry / Low Cure Solvent Base System
- ❖ Withstand High heat Service Temp. up to 600 °C
- ❖ Good Corrosion Resistance 300+ Hr as per ASTM B117
- ❖ Designed For Excellent Thermal Shock Resistance



Generator Sets

Automotive Vehicles

Exhaust Pipes

Chimney

Boiler Parts

Engine Parts

Ovens & Inserts

Electrical & Gas heaters

- ❖ 1 / C & 2 / C - Low Cure Solvent / Water Base System
- ❖ Different Kind of application – Spray & Dip Spin
- ❖ Slat Spray Life 1000–3000+ Hr As ASTM B117
- ❖ Wide Variety of Application –
High Pressure, Low Speed Wear , Extreme
Chemical, Corrosion Resistance, UV Resistance,
Caustic Environments, Electrical Conductive Dry
Film Lubricants facilities, Exposure to Sub Sea,
Refinery Environments, Resistance to Majority of
Automotive Fluid etc.,

Automotive Industries

Chemical Processing
Equipment Industries

Building Equipments
Industries

Aerospace & Marine
Industries

Offshore Components
Industries

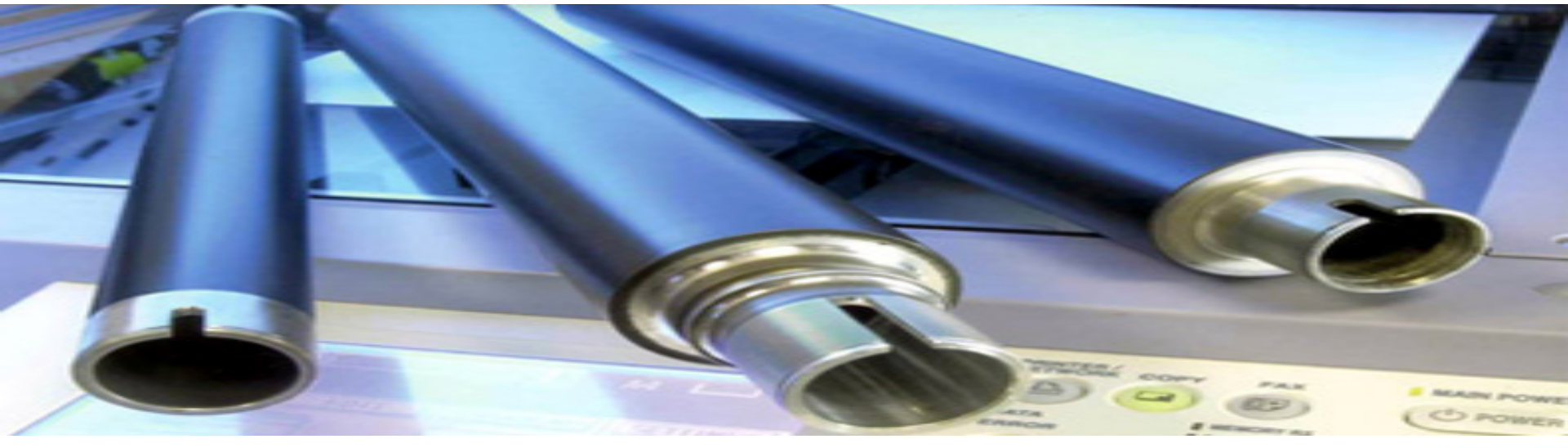
Spl. Machineries Parts



For Photocopier & Rubber Roller

- ❖ 2 / C & 3 / C -Water Base System
- ❖ Applicable to substracts on Al/ Steel roller & EPDM / Silicone Rubber Roller
- ❖ 2 Type of Application – Conductive Coating System & Non-Conductive Coating System
- ❖ 3 / C System better than 2 / C system provide Excellent Toner Release & Toughness, extended the service life of coated roller

Photocopier & Rubber Roller



- ❖ 1 / C & 2 / C – Solvent & Water Base System
- ❖ Eliminates need for lubricants, Wet Release
- ❖ Reduce damage of Mould release
- ❖ Makes Mould easier to clean, reduce build up impurities
- ❖ Smoother Finish, extended the service life of Mould
- ❖ Out standing Resistance to Abrasion & Superb Release

Tiers' Mould

Foods' Mould

Belts' Mould

Auto Headliners'
Mould

Shoes' Mould

Cutting Disks'
Mould

Packaging Mould



- ❖ 1 / C & 2 / C – Solvent & Water Base System
- ❖ Outstanding Resistance to Abrasion & Non Stick/ Release
- ❖ Excellent Non-wetting properties
- ❖ Remarkable Smooth with Good Chemical Resistance
- ❖ Up-to 200 °C operating Temp. Completely Color Stable

Textile Rollers

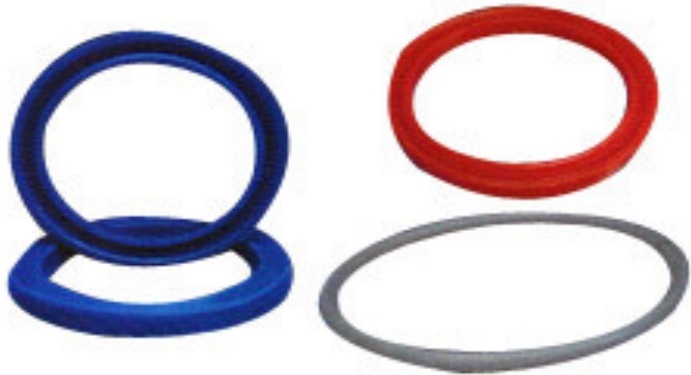
Dying Parts

Baskets

Pin Bars



- ❖ 1 / C & 2 / C – Water Base System
- ❖ Reduce Co-efficient of Friction
- ❖ Eliminate Sticking effect during Sealing
- ❖ Protection of Rubber & Thermoplastic against Chemicals
- ❖ Very Good Resistance of Automotive Fluids
- ❖ Available in Novel Color and Appearances



Automotive
Industries

Consumer
Industries

Electrical
Utilities

Heavy Equipment
Industries

Hydraulic &
Pneumatic Industries

Semi Conductor
Industries

Aerospace
Industries

- ❖ 1 / C Two pack – Solvent Base System
- ❖ 2 / C Two Pack – Solvent & Water Base System
- ❖ Low Cure Coating System at 60 °C - 5 Min. PST
- ❖ Harder & Glossier Clear Finish give Impact, Mar Resistance
- ❖ Very Good UV Resistance

- ❖ 1 / C & 2 / C – Solvent & Water Base One & Two Pack System
- ❖ New line of Spl. Auto. Coating System Solve Problem of Flexible substracts
- ❖ With Low Friction, Freeze Release with Excellent abrasion Resistance
- ❖ Improve Resistance of Weathering & Chemicals
- ❖ Such Spl. Finishes used for Glass Run, Door, Trunk & Hood Seal
- ❖ Provide good decorative Effects
- ❖ Reduce Co-efficient of Friction by More than 80 % will eliminates Noises associated with Micro movements against Glass
- ❖ Glass slides easily even temp. fall well below Freezing

Glass Run
Channel

Boot
(Trunk) Seals

Door
Seals

Body Seal &
Drip Rails

Door Pillars

Exterior Window
Seals

Industrial Coating - Application

Area of Application	Coating Application	Benefits through Coatings
Self Tapping Screw	Corrosion Resistance	No Corrosion
Sheering Shaft Yolks	Lubrication, Corrosion	Free Movement
Seat Belt Clips	Corrosion, Lubrication	Operator Fail-Safe
Electrical Seat Adjustment	Lubrication, Corrosion	Smooth Operation, Long Life
Solenoids	Non-Sticks, Lubrication	Prevent Fouling
Door Hinge Pins	Corrosion Resistance	No Corrosion
Rubber Gaskets	Lubrication	Better Seals
Springs	Corrosion, Lubrication	No Corrosion, Noise Reduction
Hose Clamps	Lubrication	Provides Even Tightness to Hose
Steering Column Safety Clips	Corrosion, Lubrication	Assure Collapse in a Crash
Air Conditioning Piston	Lubrication	No Galling, Longer Life
Engine Head Gaskets	Low COF, Head Resistance, Non-Stick	Low Maintenance, Allow Slip During Expansion
Piston Skirts	Lubrication	Less Scuff and Wear, Increased Gas Mileage
Metal Bearing	Corrosion, Lubrication	Less Expensive

Our Aim & Value

- We aim at providing the latest custom -build coatings to meet the needs of any application that our customers have globally
- We want to be the Reliable Brand providing Coating System solution for our customers globally

Contact US



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Thank You !!!!

