GMM
non-stick coatings

INDUSTRIAL COATINGS
LOW FRICTION COATINGS

PRODUCT INFORMATION

LOW FRICTION COATINGS

- This is a specially formulated coating which exhibits a very low co-efficient of friction.
- The product contain special types of resin + PTFE which provides very good reductions in friction.
- This series of product also exhibits very good Salt spray resistance and chemical resistance.
- It is a low curing temperature product with easy application.
- Can be modified per customer requirement.
- Mainly used on fasteners, gaskets, auto engine parts, etc.

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PRODUCT APPLICATION

APPLICATION	COATING TYPE	BENEFIT
Self tapping screws	Corrosion resistance	No Corrosion
Steering Shaft Yolks	Lubrication, corrosion	Free movement between chassis and body
Seat belt clips	Lubrication, corrosion	Operator fail-safe
Elect. Seat adjust.	Lubrication, corrosion	Smooth operation, longer life
Solenoids	Lubrication, non-stick	Prevent fouling
Door Hinge Pins	Corrosion resistance	No corrosion
Rubber gaskets	Lubrication	Better seals
Springs	Lubrication, corrosion	No Corrosion, noise reduction

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PRODUCT APPLICATION

APPLICATION	COATING TYPE	BENEFIT
Hose Clamps	Lubrication	Provides even tightness around hose
Steering column safety clips	Lubrication, corrosion	Assures collapse in a crash
Air conditioning pistons	Lubrication	No galling, longer life
Engine head gaskets	Low COF, heat resistant, non-stick	Allow slip during expansion and contraction of aluminum heads, low maintenance
Piston skirts	Lubrication	Less scuff and wear, increased gas mileage
Metal bearings	Lubrication, corrosion	Less expensive

TECHNICAL INFORMATION

INDUSTRIAL COATING – CHEMICAL RESISTANCE & LOW FRICTION (ONE COAT SYSTEM)	
APPLICATION	FASTENERS, GASKETS, PISTONS, OTHER AUTOMOTIVE ENGINE PARTS
SUBSTRATE	STAINLESS STEEL, IRON STEEL, COLD ROLLED IRON OR ALUMINUM
PRETREATMENTS	SAND BLASTING/ PHOSPHATING
DRY FILM THICKNESS (DFT)	22-25 µ
CURING/BAKING TEMPERATURE	170-280°C (338-536°F)
COLOR AVAILABILITY	LIGHTER DARK COLORS
HEAT RESISTANCE	150-200°C (302-392°F)
SALT SPRAY RESISTANCE	144-240 HOURS
PENCIL HARDNESS	3H-5H

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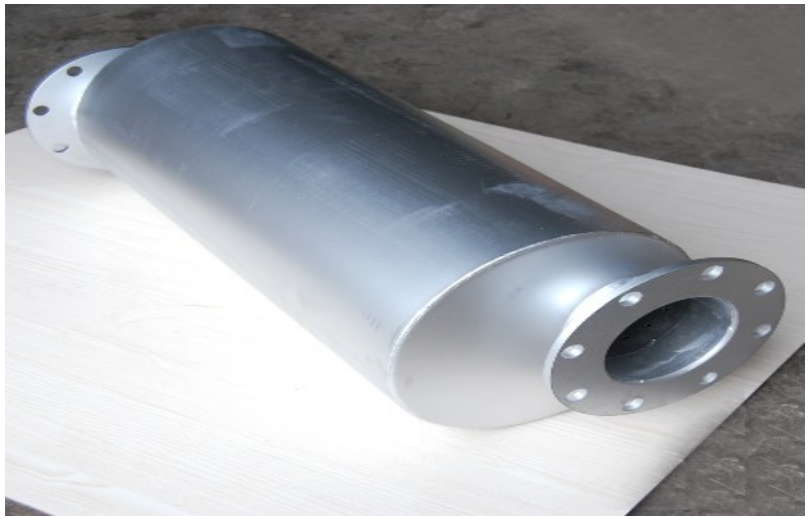
INDUSTRIAL & SPECIALITY COATINGS *HIGH HEAT RESISTANCE COATING*



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PRODUCT INFORMATION

HIGH HEAT RESISTANT COATING

- This is specially formulated pure silicone coating which exhibits extremely high heat resistance.
- It is specially formulated to withstand rapid temperature changes.
- Also, this coating series exhibits very good salt spray resistance and chemical resistance.
- Major applications are Mufflers, Pistons, Fasteners, and Gaskets within the automotive industries.
- It can also used on certain specialty appliances where high heat resistance is required.

TECHNICAL INFORMATION

INDUSTRIAL COATING – HIGH HEAT RESISTANCE COATING (ONE COAT /TWO COAT SYSTEM)	
APPLICATION	MUFFLERS, SILENCERS AND OTHER ELECTRICAL PARTS
SUBSTRATE	MILD STEEL, COLD ROLLED STEEL
PRETREATMENTS	SAND BLASTING/ PHOSPHATING
DRY FILM THICKNESS (DFT)	22-25 µ
CURING/BAKING TEMPERATURE	250-280°C (338-536°F)
COLOR AVAILIBILITY	DARK COLORS
HEAT RESISTANCE	450-650°C (842-1200°F)
SALT SPRAY RESISTANCE	144-240 HOURS
PENCIL HARDNESS	3H-5H