

Syn-Lube High-Performance Synthetic Grease

- Reduce maintenance cost and downtime
- Temperature range: -40°F to 500°F
- High load bearing properties
- NSF Registered
- Super low coefficient of friction
- Non-lithium grease

SYN-LUBE™ High Performance Synthetic Grease is a full synthetic, food grade, white grease designed for the most difficult industrial applications. The synthetic calcium sulfonate formula includes anti-oxidants, extreme pressure and anti-wear additives that meet the most stringent requirements for industrial environments. SYN LUBE does not contain metals, PTFE or silicone.



SPECIFICATIONS	
Shelf Life	2 years

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
SD400-2J	2 oz. Sample Jar	1
SD400-16J	16 oz. Jar	1

Cera Lube Spray Grease

- Superior adhesion in high wear applications
- Low thermal expansion in high temperatures
- Strong adhesion to all metal surfaces
- Resists moisture and outside contaminants
- Lithium complex base
- Temperature range: 0°F to 450°F continuously, 0°F to 650°F intermittently
- Contains PTFE additives*

Cera Lube is a high performance lubricant using a lithium complex base grease to give it superior performance and low thermal expansion in high temperature situations. The ceramic reinforced PTFE additives provide superior adhesion in high wear applications, which significantly increase the amount of production strokes before breakdown when compared to standard greases. Along with its superior performance and adhesion characteristics, Cera Lube provides unmatched resistance to moisture and outside contaminants.



SPECIFICATIONS	
Continuous Operating Temperature Range	0°F to 450°F
Intermittent Operating Temperature Range	0°F to 650°F
Shelf Life	2 years
Color	White

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
CL-500	16oz Can	12
CL-500-1	16 oz Can	1

Nano Ceramic Mold Grease



- Reduces maintenance cost and downtime
- Temperature range: 0°F to 350°F continuously, 0°F to 650°F intermittently
- Resists water, steam, acid and most chemicals
- High load bearing properties
- High pressure and anti-wear protection
- Super low coefficient of friction

NanoCeramicMoldGrease offers extraordinary adhesion and will stay at the surface even under extreme pressure and temperatures. In addition, NanoCeramicMoldGrease extends production life and resists water, steam, acid and most chemicals. This grease is NSF certified to be used in the food industry and does not contain metal, PTFE or silicone. As a member of the PCS family of High Performance Mold Maintenance Products, NanoCeramicMoldGrease is designed to improve mold and production efficiency.

SPECIFICATIONS	
Continuous Operating Temperature Range	0°F to 350°F
Intermittent Operating Temperature Range	0°F to 650°F
Color	White
Shelf Life	2 years

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
NCG0016	16 oz. Jar	1
NCG1000	16 oz. Tube	1
NCG1001	16 oz. Tubes	12
NCG0007	1 Gallon Tub	1
NCG0035	5 Gallon Pail	1

Dri-Kote Medium Duty Mold Release

- Fully paintable
- Quick drying chemistry
- Works on all temperatures
- No build up on the mold
- Non-silicone formula
- Safe on all plastics

Dri-Kote is a medium duty spray mold release. Its quick drying chemistry is safe on all plastics and does not contain silicone. As a member of the PCS family of High Performance Mold Maintenance Products, Dri Kote is designed to improve mold and production efficiency.



SPECIFICATIONS	
Shelf Life	2 years

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
DK-300-1	10.75 oz. Can	1
DK-300	Case of 12, 10.75 oz. Cans	12

Tuff Kote Heavy Duty Mold Release

- Heavy duty formula lasts longer on the mold
- Fully paintable
- Quick drying chemistry
- Works on all temperatures
- No build up on the mold
- Non-silicone formula
- Safe on all plastics

Tuff Kote is a heavy duty spray mold release. Tuff Kote is effective in the most difficult molding applications. Its quick drying chemistry is safe on all plastics and does not contain silicone. As a member of the PCS family of High Performance Mold Maintenance Products, Tuff Kote is designed to improve mold and production efficiency.



SPECIFICATIONS	
Shelf Life	2 years

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
TK-150-1	10.75 oz. Can	1
TK-150	10.75 oz. Cans	12

Which NanoMoldCoating™ is right for your application?

HC/HCF

- Cure Time = 3-4 hours
- Best applied when mold is not in the press at room temperature
- Withstands temperatures up to 1000°F
- Limited ability to bond to plated or pretreated surfaces
- HCF=FDA approved



QC15, QC15S & QC15R

- Cure Time = 10-15 minutes
- Can be applied to molds in or out of the press
- QC15 & QC15R withstands temperatures up to 500°F
- QC15S withstands temperatures up to 450°F
- Bonds well to plated or pre treated surfaces (PTFE, nickel, chrome, boron, etc.)
- No FDA formulation; cytotoxicity test show 0% reaction according to United States Pharmacopeia standards

NanoMoldCoating Heat Cured (HC)

- Semi-permanent mold release
- Reduces cycle time and eliminates sticking
- Withstands temperatures up to 1000°F
- In house/self applied application
- Does not migrate to part surface
- HCF Formulation is FDA Approved



NanoMoldCoating™ HC & HCF are semi-permanent coatings used to facilitate mold release. NanoMoldCoating™ can be applied in house and eliminates the need to purchase multiple cases of mold release spray. This high performance mold release coating can be used with all resins, reduces cycle times and eliminates part sticking within the mold. NanoMoldCoating™ does not migrate to the part surface and will not affect part tolerances in any way. The HCF formulation is FDA approved. As a member of the PCS family of High Performance Mold Maintenance Products, NanoMoldCoating™ HC & HCF is designed to improve mold and production efficiency.

Each HC kit includes:

Bottle of NanoMoldCoating
Bottle of NanoMoldCoatingRemover
Microfiber application cloths
Spray tip, Swabs
Application instructions
NanoMoldCleaner

Each HCF* kit includes:

Bottle of NanoMoldCoating - Part A
Bottle of NanoMoldCoating - Part B
Bottle of NanoMoldCoatingRemover
Application cloths, Spray Tip, Swabs, Eyedropper
Application instructions
NanoMoldCleaner

SPECIFICATIONS

Operating Temperature	Up to 1000°F
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ITEM NUMBER	PACKAGE SIZE	COVERAGE	SHELF LIFE UNOPENED	SHELF LIFE OPENED
NANO5HC	5 ml	3-5 sq. ft.	6-9 Months	30-60 Days
NANO15HC	15 ml	9-15 sq. ft.	6-9 Months	90-120 Days
NANO25HC	25 ml	15-25 sq. ft.	9-12 Months	90-120 Days
NANO50HC	50 ml	30-50 sq. ft.	9-12 Months	90-120 Days
NANO10HCF	10 ml	6-10 sq. ft.	3-4 Months	to 30 Days
NANO15HCF	15 ml	9-15 sq. ft.	3-4 Months	60-90 Days
NANO25HCF	25 ml	15-25 sq. ft.	6 Months +	60-90 Days
NANO50HCF	50 ml	30-50 sq. ft.	6 Months +	60-90 Days

To prevent removal of NanoMoldCoating™, use NanoMoldCleaner only

NanoMoldCoating Quick Cure (QC)

- 10 - 15 min cure time
- Can be applied while mold is in press
- Semi-permanent mold release
- Withstands temperatures up to 500°F
- In house/self-applied application



NanoMoldCoating™ QC is a semi-permanent coating used to facilitate mold release. This product can be applied in house and eliminates the need to purchase multiple cases of mold release spray. NanoMoldCoating™ QC has three formulations; one designed for standard resin applications, one designed for silicone applications and one designed for rubber applications. Dramatically reducing downtime, this product cures within 15 minutes and can be applied while the mold is in the press. NanoMoldCoating™ does not migrate to the part surface and will not affect part tolerances in any way. As a member of the PCS family of High Performance Mold Maintenance Products, NanoMoldCoating™ QC is designed to improve mold and production efficiency.

- Each kit includes:**
Bottle of NanoMoldCoating
Bottle of NanoMoldCoatingRemover
Microfiber application cloth
Swabs
Application instructions
NanoMoldCleaner

SPECIFICATIONS	
Shelf Life	18 Months

ITEM NUMBER	PACKAGE SIZE	COVERAGE	OPERATING TEMPERATURE	APPLICATION TYPE
NANO2QC	2 oz.	3-5 sq. ft.	Up to 500°F	Standard Resin Application
NANO2QCR	2 oz.	3-5 sq. ft.	Up to 500°F	Rubber Application
NANO2QCS	2 oz.	3-5 sq. ft.	Up to 450°F	Silicone Application
NANO8QC	8 oz.	12-20 sq. ft.	Up to 500°F	Standard Resin Application
NANO8QCR	8 oz.	12-20 sq. ft.	Up to 500°F	Rubber Application
NANO8QCS	8 oz.	12-20 sq. ft.	Up to 450°F	Silicone Application

To prevent removal of NanoMoldCoating™, use NanoMoldCleaner only

Zap-Ox

- The ultimate stain remover
- Removes rust, oxidation, build-up and weld discoloration
- Unmatched stain removing ability
- Brings metal back to its original state
- Non-caustic and operator friendly
- Safe to use on metal surfaces

Zap-Ox is the ultimate stain remover. Its ability to remove rust, oxidation, build-up and weld discoloration is unmatched. Time spent cleaning a mold is significantly reduced when using Zap-Ox. Non-caustic and operator friendly, Zap-Ox is safe to use and brings metal back to its original state. As a member of the PCS family of High Performance Mold Maintenance Products, Zap-Ox is designed to improve mold and production efficiency.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
ZO-16-1	16 oz. bottle	1
ZO-16	16 oz. bottles	12

Note: Zap-Ox will remove NanoMoldCoating™

Zap-Ox NG

- Brings metal back to its original state
- Works on all materials
- Non-caustic and user friendly
- Safe to use on all metal surfaces

Zap-Ox NG possesses all the cleaning power of Zap-Ox but is a non-grit formula. It is specifically designed for use on polished and textured surfaces. No other cleaner can remove rust, oxidation, buildup, weld discoloration, and other stains like Zap-Ox NG. By just applying a thin coat of the cleaner onto the stained surface, Zap-Ox NG will go to work and pull the stain out of the surface of the metal without etching. Where most cleaners require scrubbing of the surface, Zap-Ox NG removes most stains without scrubbing.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
ZO-NG-1	6.75 oz. bottle	1
ZO-NG-12C	6.75 oz. bottles	12

Power Clean



- Contains aggressive chlorinated cleaning agent
- Effectively removes dirt and contaminants from surface and pores
- Quick evaporation
- Cleans without wiping
- Safe to use on all metal surfaces
- Works on all temperatures
- Not for sale in the State of California

Power Clean is the most aggressive cleaning agent on the market. This extreme cleaner & degreaser effectively removes any dirt, grease or other contaminants from any metal surface. Power Clean allows you to avoid recontaminating the mold with dirty shop rags as its quick evaporation requires no wiping. As a member of the PCS family of High Performance Mold Maintenance Products, Power Clean is designed to improve mold and production efficiency.

SPECIFICATIONS	
Shelf Life	30 Months

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
PC-100-1	16 oz Can	1
PC-100	16 oz. Cans	12
PC-100-5	5 Gallon Pail	1
PC-100-D	55 Gallon Drum	1

Note: Power Clean will remove NanoMoldCoating™

Mold Brite



- Non-chlorinated formula
- High performance cleaner and degreaser
- Powerful cleaning formula for difficult to remove contaminants
- Cleans surfaces down to the virgin metal
- Flushes contaminants from the pores without wiping
- Fast evaporating chemistry

Mold Brite is the most aggressive non-chlorinated cleaning agent on the market. This high performance cleaner & degreaser effectively removes any dirt, grease or other contaminants from any metal surface. Mold Brite allows you to avoid recontaminating the mold with dirty shop rags as its quick evaporation requires no wiping. As a member of the PCS family of High Performance Mold Maintenance Products, Mold Brite is designed to improve mold and production efficiency.

SPECIFICATIONS	
Shelf Life	30 Months

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
MB-200-1	12.5 oz. Can	1
MB-200	12.5 oz. Cans	12
MB-200-5	5 Gallon Pail	1
MB-200-D	55 Gallon Drum	1

Note: Mold Brite will remove NanoMoldCoating™

Clean-N-Run

- Powerful cleaning formula removes difficult contaminants
- Controlled evaporation for extra cleaning time
- Residue free
- Non-chlorinated formula
- Designed for streak free cleaning on warm molds

Clean-N-Run's powerful cleaning formula removes contaminants down to the virgin metal. Superior, non-chlorinated, cleaning agents allow for streak free cleaning on warm molds. Controlled evaporation gives users more cleaning time in the press and in the tool room.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
CNR-10-12C-1	16 oz. bottle	1
CNR-10-12C	16 oz. bottles	12
CNR-10-5	5 Gallon Pail	1
CNR-10-55	55 Gallon Drum	1

Safe-T-Clean

- NSF P-1 Listed
- No chlorinated solvents
- Quick evaporation
- Residue free and low odor
- Cleans without wiping
- Safe to use on all metal surfaces

Safe-T-Clean is a NSF P-1 listed, high performance cleaner/degreaser. It has superior cleaning power when compared to other products in the non-chlorinated category. The powerful spray pattern helps break up tough build up and gives you the ability to clean hard to reach areas of the mold.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
SC-90-12C-1	12.5 oz. Can	1
SC-90-12C	12.5 oz. Cans	12
SC-90-5	5 Gallon Pail	1
SC-90-55	55 Gallon Drum	1

Kleen-All



- Instant, heavy foaming action
- Clings to surface
- Fast and thorough cleaning action
- Safe on all metal and plastics surfaces
- Won't remove paint
- Residue free

Kleen-All is a water-based, all-purpose foaming cleaner and degreaser. This industrial strength foam cleaner attacks and dissolves grease, oil, and grime on a variety of surfaces ranging from metal to plastic. Kleen All's instant foaming action clings to vertical surfaces without running, allowing time to soak in and work effectively.

SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
KA-20-1	18 oz Can	1
KA-20-12C	18 oz. Cans	12



NanoMoldCleaner

- Will not remove Nano mold coating
- Penetrates grease and oils
- Non-toxic, non-flammable and biodegradable

NanoMoldCleaner is designed specifically to be used on molds which have been coated with PCS NanoMoldCoating™. NanoMoldCleaner will not remove the NanoMoldCoating™. This cleaner penetrates grease and oils, all while being a non-toxic, non-flammable and a biodegradable product. As a member of the PCS family of High Performance Mold Maintenance Products, NanoMoldCleaner is designed to improve mold and production efficiency.

SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
NCC1215	8 oz. bottle	1
NCC1208	8 oz. bottles	12

Safe-T-Guard

- Moisture displacing chemistry
- Excellent film strength
- Will not break down grease
- Easy removal
- NSF H-1 Listed

Safe-T-Guard's Moisture displacing chemistry provides a guard for your mold that will not allow corrosion to penetrate. The guarding properties provide excellent film strength, and since it goes on dry it will not break down grease and other lubricants that are already present on the surface. It also works an excellent lubricant for moving parts of the machine, and is NSF H-1 Listed.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
SG-700-1	10.25 oz. bottle	1
SG-700-12C	10.25 oz. bottles	12
SG-700-5	5 Gallon Pail	1
SG-700-55	55 Gallon Drum	1

The Protector

- Moisture displacing chemistry
- Does not migrate or cause bleed through
- Semi Dry for use on warm or cold molds
- Protects when molding PVC or other corrosive materials
- Up to 3 year protection
- Easy removal
- Can be used for service and transfer tools

The Protector is a semi dry, dual purpose rust preventative designed to be used on both cold and warm molds. Its semi dry nature allows for longer lasting protection without causing bleed through. The acid vapor neutralizer additive protects against PVC and other corrosive materials.



SPECIFICATIONS

Shelf Life	30 Months
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ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
PT-80-12C-1	12.5 oz. Can	1
PT-880-12C	12.5 oz. Cans	12

Mold Guard & Mold Guard Green



- True dry rust preventative
- Goes on dry and stays dry
- Prevents harmful corrosion from penetrating the mold
- Excellent film strength
- Protects mold when in storage

PCS Company's Mold Guard is a "true dry" rust preventative. Mold Guard's excellent film strength prevents harmful corrosion from penetrating the mold surface, providing superior rust protection. Mold Guard does not break down grease and can be molded through at start-up. As a member of the PCS family of High Performance Mold Maintenance Products, Mold Guard is designed to improve mold and production efficiency.

SPECIFICATIONS	
Shelf Life	30 Months

ITEM NUMBER	PRODUCT	PACKAGE SIZE	QTY PER PACK
MG-50-1	Mold Guard	10.25 oz. Can	1
MG-50	Mold Guard	10.25 oz. Can	12
MG-50-5	Mold Guard	5 Gallon Pail	1
MG-50-D	Mold Guard	55 Gallon Drum	1
MG-50-G-1	Mold Guard Green	10.25 oz. Can	1
MG-50-G	Mold Guard Green	10.25 oz. Can	12
MG-50G-5	Mold Guard Green	5 Gallon Pail	1
MG-50G-55	Mold Guard Green	55 Gallon Drum	1

The Defender



- Semi dry for longer lasting protection
- Does not migrate or cause bleed-through
- Moisture displacing chemistry
- Protects when molding PVC or other flame retardant resins
- Up to 3 year protection
- Green dye allows for easy visibility and helps prevent over spray on the mold
- Adjustable volume nozzle for desired amount of spray

The Defender is a semi-dry, all purpose rust preventative. Its semi-dry properties allow for longer lasting protection without causing bleed-through. The acid vapor neutralizer additive protects when molding PVC and other corrosive materials. The Defender's green dye is used to help display coverage while avoiding over spray on the mold.

SPECIFICATIONS	
Shelf Life	2 years

ITEM NUMBER	PACKAGE SIZE	QTY PER PACK
D-400-1	10.25 oz. Can	1
D-400	10.25 oz. Cans	12