DRY FILM GRAPHITE LUBRICANTS

SLIP Plate®

SLIPPERY when DRY!®

SUPERIOR GRAPHITE

www.SlipPlate.com

SLIP Plate®

SLIPPERY when DRY!®

SLIP Plate® products are the original, premium dry film graphite lubricants trusted for generations to handle friction and build-up situations since 1975. Through many years of research and development, Superior Graphite has engineered state-of-the-art and proprietary formulations made from the highest quality graphite powders. All SLIP Plate® branded products are internally produced and qualified for their specific performance property to ensure exceptionally effective performance in a wide variety of commercial, industrial, and household applications.

SLIP Plate® Dry Graphite Lubricants

SLIP Plate® is available in many different formulations to match your application needs. SLIP Plate® products can be applied to most metal, wood, and polymer material surfaces. No matter which formulation you choose, SLIP Plate® products proudly stands the test of time. SLIP Plate® is SLIPPERY when DRY!®

SLIPPERY
SLIP Plate® fights friction to keep parts moving and reduces noise.

HYDROPHOBIC
SLIP Plate® will repel water easily.

Withstands HEAT and COLD
SLIP Plate® handles high and low temperatures with little change to performance.

DRY
Unlike oils and greases, dust and debris does not stick to SLIP Plate®!

Brush Roller Airless Sprayer

SLIP Plate® Heavy Duty No. 1

- Heavy-duty Dry Film Lubricant
- Proprietary binder system provides long-lasting dry lubrication for the heaviest loads
- High concentration of graphite
- Extremely durable and long-lasting
- Can be applied by brush, roller, and commercial/industrial sprayers

Roller Air Atomizing Sprayer

SLIP Plate® Quick Dry No. 3

- Ultra-fine graphite particles that can easily be sprayed using a conventional spray gun applicator for large coverage areas
- Quickly dries to a smooth finish in as little as 15 minutes
- Can be applied by brush, or spray using conventional spray equipment

Brush Roller Airless Sprayer

SLIP Plate® Eco-Friendly No. 4

- Environmentally friendly water-based dry lubricant
- Can be easily applied to metal and more plastic/polymer surfaces with a less likelihood of chemical interaction
- Extends the working life of tools and equipment by forming a durable graphite film
- Can be applied by brush, roller, and commercial/industrial sprayers

Aerosol Spray

SLIP Plate® Aerosol

- Convenient and easy to use spray of ultra-fine graphite particles
- Quickly dries to a smooth finish in as little as 1 hour
- Use alone or touch up other SLIP Plate® products

SLIP Plate® Dry Graphite Lubricant Common Applications

Auto Transport Carriers	Trailer Hitches	Snow Blowers	Dust Collectors	Snow Plows
Gravity Bins	Garden Tools	Exhaust Fan Blades	Wheelbarrows	Air Ducts
Chutes	Fertilizer Spreaders	Overhead Door Rails	Dumpsters	And much, much more!

PRODUCT	SLIP PLATE #1	SLIP PLATE #3	SLIP PLATE #4	SLIP PLATE AEROSOL
FLASH POINT	105ºF	18ºF	200ºF	N/A
FLUID CONSISTENCY	Thick – Solvent Based	Thin – Solvent Based	Thick – Water Based	Thin – Solvent Based
COLOR	Black	Black	Black	Black
AVERAGE COVERAGE	200 sq ft/gallon	300 sq ft/gallon	250 sq ft/gallon	15 sq ft/12 oz can
TACT FREE DRY TIME	60–90 minutes @70ºF	15–30 minutes @70ºF	180–240 minutes @70ºF	15–30 minutes @70ºF
EFFECTIVE TEMP RANGE WHEN DRY	-75ºF to 450ºF	-75ºF to 450ºF	-75ºF to 400ºF	-75ºF to 450ºF
PRODUCT PART #	Case – 6 X 1 Quart, 33005OS Case – 4 X 1 Gallon, 33015OS Pail – 5 Gallon, 33008 Drum – 55 Gallon, 33013	Case – 4 X 1 Gallon, 33215 Pail – 5 Gallon, 33208 Drum – 55 Gallon, 33213	Case – 4 X 1 Gallon, 33015OS Pail – 5 Gallon, 33608	Case – 12 X 12oz Can, 33203

SLIP Plate® Graphite & Oil Lubricants

SLIP Plate® Graphite & Oil Lubricants are low VOC formulations that deeply penetrate to deliver long-lasting graphite particles. A combination of a solid and wet lubricant produces a friction-reducing layer that lasts longer, and protects better than traditional petroleum wet-film lubricants that only coat the outermost surface. Both formulations have an easy-to-use flip straw applicator for precision pinpoint accuracy and to prevent overspray.

Aerosol Spray

SLIP Plate® Penetrant Plus

- A 2-in-1 graphite based product with premium penetrating oil that breaks up corrosion and releases rusty mechanical joints and threads for proper operation
- Great for pre-coating maintenance parts for easier disassembly and to minimize potential corrosion
- Use on adjustment screws, nuts, bolts, hinges and pulleys
- NEW! Flip Straw™ feature for pinpoint delivery

Aerosol Spray

SLIP Plate® Chain & Cable

- This lubricant penetrates deep within cable threads, chain linkages and pins depositing long lasting graphite particles
- Graphite particles continue to lubricate even after the oil is gone
- Use regularly to prolong the life of the chain or cable and save money on maintenance costs
- NEW! Flip Straw™ feature for pinpoint delivery

PRODUCT	SLIP Plate® Penetrant Plus	SLIP Plate® Chain & Cable
FLASH POINT	N/A	N/A
FLUID CONSISTENCY	Very Thin - Oil Based	Very Thin - Oil Based
COLOR	Black	Black
AVERAGE COVERAGE	Varies	Varies
TACT FREE DRY TIME	60–90 minutes @70ºF	15–30 minutes @70ºF
APPLICATION TEMP RANGE	32ºF to 150ºF	32ºF to 150ºF
PRODUCT PART #	Case – 6 X 12oz Can, 35001G	Case – 6 X 12oz Can, 35201G

SLIP Plate® Consumer Lubricants

Tube-O-Lube® Dry Graphite Lubricant

- A unique, natural form of graphite powder milled to allow even particle distribution for proper lubrication in areas where friction and wear are an issue
- Designed to lubricate locking mechanisms, firearms, bolt and screw threads
- Tube-O-Lube® has also found its way into pinewood derby racing along with various household tasks, hobbies and musical instruments

Product	Tube-O-Lube®
FLASH POINT	N/A
FLUID CONSISTENCY	Dry Powder
COLOR	Black
AVERAGE COVERAGE	Varies
EFFECTIVE TEMP RANGE	-75ºF to 700ºF
PRODUCT PART #	Case – 6 boxes of 48 tubes 31644G

Aerosol Spray

MowerGUARD™ Dry Graphite Lubricant

- Designed specifically for lawn maintenance equipment using SLIP Plate® dry film graphite technology
- Grass can contain up to 90% water, and MowerGUARD™ produces a slick, hydrophobic barrier on lawnmower decks to reduce sliding friction and can significantly decrease grass-clipping buildup
- As a part of a regular maintenance schedule, MowerGUARD™ will reduce premature wear and extend the life of equipment saving time and money
- Can also be used with garden tools!

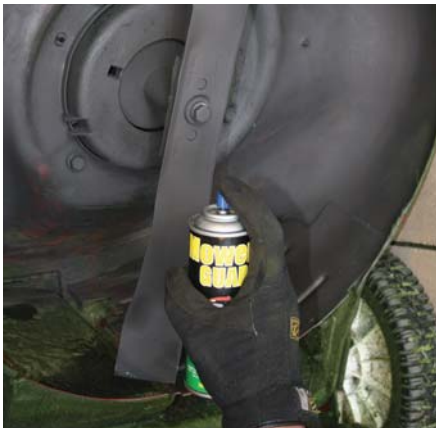
Aerosol Spray

Black ICE® Dry Graphite Lubricant

- Our exclusive formulation combining our proprietary solvent cleaner with a friction reducing mineral that first cleans the surface, and then deposits a layer of pure, lubricous graphite powder
- Works great on mechanical components requiring dry lubrication
- Common applications are bearings, firearms, locks, and machined theads

PRODUCT	MowerGUARD™ Dry Graphite Lubricant
FLASH POINT	N/A
FLUID CONSISTENCY	Thin – Solvent Based
COLOR	Black
AVERAGE COVERAGE	15 sq ft/12 oz can
TACT FREE DRY TIME	30–45 minutes @70ºF
EFFECTIVE TEMP RANGE WHEN DRY	-75ºF to 450ºF
PRODUCT PART #	Case – 6 X 12oz Can, 34003G Case – 12 X 7oz Can, 34002

PRODUCT	Black ICE® Dry Graphite Lubricant
FLASH POINT	N/A
FLUID CONSISTENCY	Thin – Solvent Based
COLOR	Black
AVERAGE COVERAGE	Varies
TACT FREE DRY TIME	10 minutes @70ºF
EFFECTIVE TEMP RANGE WHEN DRY	-75ºF to 450ºF
PRODUCT PART #	Case – 12 X 6oz Can, 36002



SLIP Plate® Superflake™ Dry Graphite Oven Chain Lubricants

SLIP Plate® Dry Graphite Oven Chain Lubricants are designed to provide a unique, natural graphite coating that offers superior lubricity under extreme conditions. The unique particle distribution and binder system allows the graphite to penetrate tight spaces and create a durable coating unlike any other product on the market. Use regularly to prolong the life of your oven chain and reduce noise.

All Superflake lubricants are registered with NSF under H2 category acceptable for non-food contact.

SLIP Plate® Superflake™ Hot Oven Chain Lubricant

- Water-based emulsion
- Can be applied to chains while hot (200ºF to 450ºF).
- Allows for continuous oven operation
- Can be used on chain pins and bushings
- Evaporates to leave a dry graphite lubricant to prolong the life of machinery

SLIP Plate® Superflake™ Cold Oven Chain Lubricant

- Oil-based emulsion
- Can be applied on chains with temperatures between 50ºF and 120ºF
- The light oil evaporates leaving a dry graphite lubricant
- Can be used with SLIP Plate® Hot Oven Chain Lubricant during shut down and chain maintenance

Common Applications

- Tortilla Ovens
- Pizza and Bread Ovens
- Heat Treatment Furnaces
- Cement/Asphalt Calciner Chains
- High Temperature Chains

PRODUCT	Superflake™ Hot Oven Chain Lubricant	Superflake™ Cold Oven Chain Lubricant
FLASH POINT	N/A	148ºF
FLUID CONSISTENCY	Thin – Water Based	Thin – Oil Based
COLOR	Gray/Black	Gray/Black
AVERAGE COVERAGE	Varies	250 sq ft/gallon
TACT FREE DRY TIME	Varies based on chain temperature	15–30 minutes @70ºF
APPLICATION TEMP RANGE	200ºF to 450ºF	50ºF to 120ºF
PRODUCT PART #	Case – 4 X 1 Gallon, 37115G Pail – 5 Gallon, 37108	Case – 4 X 1 Gallon, 37015G Pail – 5 Gallon, 37008

SLIP Plate® Seed SLIK® Dry Seed Lubricants

Seed SLIK® seed flow lubricants are made from highest quality graphite powders which are environmentally safe and will not harm seeds or plantings as they grow. Used in mechanical plate and vacuum planters, small seeds benefit from the addition of graphite, allowing them to slide easily off planter plates.

Seed SLIK® Graphite

- Reduces mechanical wear and can extend operating life of the planter plates
- Will not attract or trap dirt or grit, which can lead to increased part wear
- Safe for use with most corn or wood pellet boilers and furnaces

Seed SLIK® Talc

- A great alternative for planters with new electronic seed meters to prevent false readings
- Works with metal or poly plates to effectively lubricate

Seed SLIK® Blend

- An all-natural unique 80/20 mineral blend of talc and graphite
- Used to reduce agglomeration in high humidity environments
- The graphite provides superior lubrication while the product's gray color avoids false readings in seed meters

PRODUCT	Seed SLIK® Graphite	Seed SLIK® Talc	Seed SLIK® Blend
FLASH POINT	N/A	N/A	N/A
FLUID CONSISTENCY	Dry Powder	Dry Powder	Dry Powder
COLOR	Black	White	Gray
AVERAGE COVERAGE	2-3 Tbsp/bushel	3-5 Tbsp/bushel	3-4 Tbsp/bushel
EFFECTIVE TEMP RANGE	-75ºF to 700ºF	-75ºF to 700ºF	-75ºF to 700ºF
PRODUCT PART #	Case – 12 X 1lb Bottle, 30734 Pail – 10 lb, 30739 Pail – 25 lb, 30737	Pail – 8 lb, 30732R Pail – 20 lb, 30733	Pail – 8 lb, 30750 Pail – 20 lb, 30753

SUPERIOR GRAPHITE

SLIP Plate® products are an exclusive Superior Graphite product line.

Superior Graphite, headquartered in Chicago, IL, was founded in 1917. Delivering unparalleled quality, Superior Graphite specializes in thermal purification, advanced sizing, blending and coating technologies, providing value-added graphite and carbon-based solutions globally. Advanced technologies are incorporated into every facet of the organization serving a wide range of markets including: agriculture, battery, fuel cells, ceramic armor, carbon parts, ferrous and nonferrous metallurgy, friction management, hot metal forming, polymer and composites, powder metals, lubricity, and performance drilling additives. For more information, visit **www.superiorgraphite.com**.

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