

CLIMAX 900M “K” STICK

High-Temperature Valve Lubricant · Hydrocarbon & Natural Gas Service ·
Supplied by PSC Group

PSC-900M K-Stick

1½” dia × 12” long · NLGI #3
-40°F to +650°F · Sold per stick

PRODUCT OVERVIEW

Climax 900M “K” Stick is an all-purpose, high-temperature valve lubricant for hydrocarbon and natural gas service, manufactured by Climax Lubricants (U.S.A.) and supplied by PSC Group. Formulated with a synthetic base oil and molybdenum disulfide filler, the 900M is suitable for plug valves, ball valves, and API gate valves — both as a body fill and seat lubricant. It handles service temperatures from -40°F to +650°F and is recommended for systems containing H₂S, CO₂, natural gas, crude oil, condensates, and refinery fluids. It is a recognised alternative to Halliburton Part #70.31058.

KEY FEATURES & BENEFITS

High-Temperature Performance

Service range -40°F to +650°F — handles the most demanding high-temp oilfield, refinery and petrochemical valve service conditions.

Synthetic Base Oil

Fully synthetic base oil provides thermal and oxidation stability across the wide operating temperature range, outlasting mineral-oil alternatives.

Molybdenum Disulfide Filler

MoS₂ filler supports lubrication under heavy-duty valve service and extreme pressure conditions, reducing friction and wear on valve seats.

H₂S & CO₂ Service

Recommended for systems with H₂S and CO₂ concentrations including sour gas, crude oil, amine systems, and refinery service.

Body Fill & Seat Lubrication

Suitable for both valve body cavity fill and seat lubrication applications in compatible plug, ball, and API gate valve systems.

5-Year Shelf Life

Long shelf life of 5 years makes the 900M K-Stick suitable for stocking in field stores and remote inventory locations.

TYPICAL APPLICATIONS

Natural gas pipelines

Gas condensate service

Crude oil production

Refineries

Gasoline plants

Petrochemical plants

Compressor discharge valves

Dehydrator valves

Steel mills

H₂S / CO₂ service

Amine & diluted acid service

Rubber & textile plants

COMPATIBLE GREASE GUN SERIES

10516 Series

1700K Series

Rocket 280 Series

Rocket 380 Series

PRODUCT SPECIFICATIONS

Product Name **900M “K” Stick**

PSC Reference **PSC-900M K-Stick**

Form / Size **1½” dia × 12” long**

NLGI Grade **#3**

Penetration (ASTM) **220-250**

Color **Black**

Base Oil **Synthetic**

Filler **Molybdenum Disulfide**

Temperature Range **-40°F to +650°F**

Flash Point **>400°F**

Shelf Life **5 years**

Flammability **Non-flammable**

Country of Origin **U.S.A.**

Sale Unit **Per stick**

CROSS REFERENCES & ALSO AVAILABLE

PSC-900M K-Stick Climax 900M (standard)

Halliburton #70.31058 Alternative / cross-ref

Climax #800XH K-Stick Also available

FMC Part #3256666 Climax-mfg, FMC label

SAFETY & HANDLING NOTE

Non-flammable. Flash point above 400°F. Non-toxic under normal handling conditions. Store in a clean, dry location. Protect sticks from contamination before use. Confirm compatibility with valve type, service media, operating temperature, pressure, and OEM recommendations before application.

SUPPLIED BY PSC GROUP



India · Dubai · Houston
pscrigconsumables.com



Information based on Climax Lubricants product data. Climax, Halliburton, FMC and related part numbers are used for identification and cross-reference purposes only. PSC Group is an independent supplier.
Always confirm product suitability against valve type, service media, temperature, pressure, and OEM requirements before use.

Climax 900M “K” Stick – High-Temp Valve Lubricant

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EXTENDED PROPERTIES, COMPATIBILITY & PSC GROUP OFFICES

1 COMPLETE PRODUCT PROPERTIES

PARAMETER	VALUE
Product Name	Climax 900M "K" Stick
PSC Reference	PSC-900M K-Stick
Form / Size	K-size: 1½ in diameter × 12 in long
NLGI Grade	#3
Penetration (ASTM)	220-250
Color	Black
Base Oil	Synthetic
Filler	Molybdenum Disulfide (MoS ₂)
Temperature Range	-40°F to +650°F (-40°C to +343°C)
Flash Point	Above 400°F (>204°C)
Oxidation Stability	Good
Flammability	Non-flammable
Shelf Life	5 years
Hazard Classification	Non-toxic (standard handling conditions)
Sale Unit	Per stick
Country of Origin	U.S.A.

3 ORDERING & CROSS-REFERENCE

PRODUCT / CROSS-REF	DESCRIPTION	FORMAT
PSC-900M K-Stick	Climax 900M high-temp valve lubricant	K-size stick
Halliburton #70.31058	Alternative cross-reference	K-size stick
Climax #800XH K-Stick	Also available from PSC	K-size stick
FMC Part #3256666	Climax-manufactured, supplied with FMC label	K-size stick

All K-size sticks are the same physical size (1½" dia × 12"). FMC Part #3256666 is manufactured by Climax and supplied with FMC product labels directly on the product.

2 VALVE & MEDIA COMPATIBILITY

Compatible Valve Types:

- Plug valves (including low-torque plug valves)
- Ball valves
- API gate valves
- Valve body fill and seat lubrication applications

Service Media Compatibility:

- Natural gas, gas condensate, water-in-gas service
- Crude oil, fuel oil, petroleum, hydrocarbons
- H₂S and CO₂ service (sour gas environments)
- Amine systems, diluted acid service, tailing systems
- Asphalt, coal tar, carbohic acid, cellulose acetate
- Cutting oils, tar, pitch, rubber plant service

4 HANDLING, STORAGE & SAFETY

FLAMMABILITY:	Non-flammable. Flash point above 400°F (>204°C). Keep away from extreme heat sources.
TOXICITY:	Non-toxic hazardous material classification under normal recommended conditions of use.
SKIN / EYES:	Avoid prolonged skin contact. Wash hands thoroughly after handling. Safety glasses recommended.
STORAGE:	Store in a clean, dry location. Protect sticks from contamination, moisture, and direct sunlight before use. Shelf life: 5 years.
APPLICATION:	Confirm compatibility with valve type, service media, operating temperature, pressure, and OEM recommendations before use.
DISPOSAL:	Dispose of used product and empty packaging in accordance with applicable local and federal regulations.

5 PSC GROUP - GLOBAL OFFICES

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