



Wax-stix™ Graphite/Wax Solid Lubricant Blocks



Product Description:

Wax-Stix™ utilizes a proprietary blend of waxes and graphite powdered that allows for precise delivery of graphite to hot surfaces like slide-tables, chains, extrusion billets, and mandrels. A very good alternative for lubrication in applications where there are open flames and restrict the use of flammable aerosols, and solvent-based liquids. Graphite is a very good lubricant under a wide range of temperatures. Once the carrier, burns off, it carbonizes and bonds the graphite particles to the heated surface creating a very effective dry film of very fine particle graphite.

Advantages:

- Creates a slick, non-stick surface, ideal for build-up areas
- Reduces mechanical wear and can extend operating life of parts
- Graphite is a natural, environmentally safe mineral lubricant
- Creates a smooth even surface
- Solid, easy to use bar of graphite/wax
- Non-flammable, odorless
- High concentration of graphite, to produce the optimum coating
- Can be produced in both square and round (upon request) shapes to fit a variety of applicators (purchased separately)

Limitations:

- It is recommended that the material be applied to a surface that is warm enough to begin melting the bar and evenly depositing the graphite particles
- If Applied to a cold surface, material will not melt and will apply much like a crayon

ORDERING/SHIPPING INFORMATION	
AVAILABLE PACKAGING (product ordering code)	12-1 LB Sticks: 3WAXSTIXX
CASE SHIPPING WEIGHT (kilograms)	12-1 LB: 14 LB (6.4)

Common Applications:

- Direct Lubricant on Hot Metal Surfaces (melted on)
- Lubricant for Overhead Cranes

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SUPERIOR  GRAPHITE



Wax-stix™ Graphite/Wax Solid Lubricant Blocks



Preparation:

Surface should be warm for optimal coating. To produce the optimum coating the surface that the graphite/wax bar is being applied to should be warm enough to melt the wax and deposit a fine layer of graphite. While the product can be used cold, it performs better when melted.

Surface should be clean. Surface should be clear of any corrosion, dirt, rust, or grit to produce a good coating. Any residual petroleum products such as grease, will decrease the effectiveness of the graphite.

Application:

Applied by Applicator (sold separately): Load the Wax-Stix bar into applicator according the manufacturer's instructions, and begin using

Applied by Hand: Wax-Stix can be applied by hand by "coloring" the surface that requires the lubrication as you would with a crayon.

Clean-Up Instructions:

Any unused material can be disposed of normally in most municipal waste disposal systems. Wash hands and exposed skin after use thoroughly with soap and water. If material gets on clothing, brush off (if a solid) or wash with normal detergent.

Consult MSDS for information on disposal of unused materials, and safe handling practices.

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Product Characteristics:

Physical Properties	Typical Range
Carrier:	Proprietary Wax Blend
Color:	Grey/Black
Fluid Consistency	Solid
Measured Viscosity; cps	<100 Cps
Congealing Point (D-938):	180-185 °F
Flashpoint:	520 °F
Average Application Coverage, ft ²	Varies
Decomposition Temp:	N/A
Effective Temperature Range, °F (Minimum)	-75°F
Effective Temperature Range, °F (Maximum)	450°
Suggested Application Temperature Range, °F	50 - 350°F
Dimensions: (in.)	2-3/16 x 2-3/16 x 7-7/16
Net Weight Per Block, LB	1.00-1.25
Shelf Life under original seal	36 Months

Transportation Guidelines:

When shipping via Ground Transportation:

All Packaging: Not regulated

When shipping via Ocean Freight:

All Packaging: Not Regulated

When shipping via Air Freight:

All Packaging: Not regulated. Contact your carrier though prior to shipment for any airline restrictions

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Information provided on this Technical Data Sheet is supplied to indicate the physical and chemical properties of the material. This information is believed to be correct. However, no warranty is made, either expressed or implied regarding the accuracy of the results obtained from the use of this product. Customers are strongly encouraged to test the materials independently prior to application/purchase.