



Iloform Stick Wax

Cutting and Drawing Lubricant

Description

Iloform™ Stick Wax is a blend of solid lubricating waxes used for a wide variety of machining and drawing operations, including sawing, threading, cutting, tapping, spinning, grinding, sanding, drilling, turning, and milling. It is suitable for use on all metals (including aluminum), plastics, fiberglass, wood, hardboard, and many other materials. It is also an excellent general-purpose solid lubricant.

Application

Periodic application of Iloform Stick Wax directly on cutting surfaces of dies, tools, saw blades, grinding wheels, sanding belts, etc. improves performance. This unique blend of waxes coats metal tools with a long-lasting film that resists abrasion over a wide temperature range. One application retains its lubricating properties over many machining cycles. As a general-purpose solid lubricant, Stick Wax can be conveniently applied to windows, doors, zippers, fasteners, hinges, slides, tracks, and many other areas for reduced friction and smooth movement. Iloform Stick Wax offers the outstanding lubricating properties of wax in a convenient cardboard tube. This stick lubricant can be applied manually as needed or automatically in production equipment. Do not apply by hand to moving cutting surfaces.

Advantages

- Higher feeds and speeds.
- Extended wear life of cutting edges.
- Minimizes loading of wheels, belts, discs, and saw blades.
- Reduces heat and burrs.
- Improves surface finish.
- Excellent for machining aluminum.
- Reduces manufacturing costs.
- Easy-to-use general-purpose lubricant.
- Non-staining.



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Typical Physical Characteristics

	Unit	Test Method	Value
Appearance	-	Visual	Tan Solid
Melting Point	°F / °C	ASTM D 87	150 / 66
Flash Point , COC	°F / °C	ASTM D 92	470 / 243

User Advice

Iloform Stick Wax can be removed with a solvent degreaser or mild alkaline cleaner. Complete and efficient removal is a function of cleaner concentration, operating temperature, and contact/agitation time.

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