

WireWorks 10005

Solid – Botanical

Wiredrawing Lubricant



Product Description

WIREWOKS 10005 is a unique approach to the dry drawing of wire without the drawbacks associated with calcium or sodium based soaps. **WIREWOKS 10005** is a composite solid lubricant that has been flaked and sized for easy handling. It is a synergistic blend of natural and synthetic additives designed to maximize die life and surface finish of drawn wires. This lubricant has the ability to draw mixed metals at variable speeds, using multiple dies at high reduction rates.

Benefits

- No dusting or mess
- Hydrophobic coating repels humidity and moisture
- Non-staining to sensitive alloys
- No chlorine, sulfur, soap, borax, clay, or oil
- Biodegradable – Biorenewable - Biosustainable
- Anti-seize and mold release properties optimize economy and lubricant containment
- Deposits a peelable, protective coating
- Safe – Eliminates dust explosions and spontaneous ignitions. Inflammable below 500°F
- No air filtration necessary
- Anneable without post cleaning
- Ashless at low furnace temperatures
- Excellent long-term corrosion protection
- No bad odors – easy to handle
- Long shelf life
- Paintable with oil-based and some water-based paints

Applications

- Bull block drawing with multiple dies
- Drawing any metal wire where grease or oil is currently used
- Drawing stainless steel wire with a borax or lime pre-coat
- Ripper lube
- Drawing aluminum alloy wires in multiple dies
- Hot dip lubricant

Directions For Use

WIREWOKS 10005 is typically used as received in ripper, open or closed die boxes. Heating to 300°F will liquidize the lubricant for dipping or flow-coat applications. To remove residues use hot, high alkaline, water-based cleaners in a soak tank or spray washer.

Packaging

WIREWOKS 10005 is available in 5 gallon pails, 55 gallon drums, 330 gallon totes and bulk.

PROPERTIES			
Appearance	Off white, flaked solid	Odor	Faint to none
Flash Point	>500°F	Biodegradable	Yes
Melting Point	Approx. 350°F	Biorenewable	Yes
Environmentally Safe	Yes – Green Formulation	Biosustainable	Yes

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