

WireWorks 10005 Solid – Botanical Wiredrawing Lubricant



Product Description

WIREWORKS 10005 is a unique approach to the **dry drawing** of wire **without** the drawbacks associated with calcium or sodium based soaps. **WIREWORKS 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
- ▲ 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
- ▲ Deposits a peelable, protective coating
- ▲ Paintable on oil-based and some water-based paints

Applications

- ▲ Bull block drawing
- ▲ Replace grease or oil in one hole draw
- ▲ Draw stainless steel wire with borax/lime pre-coat
- ▲ Finish die lubricant to improve corrosion protection
- ▲ Ripper box lubricant
- ▲ Drawing aluminum alloy wires
- ▲ Hot dip lubricant

Directions For Use: **WIREWORKS 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.

Properties

Appearance	Off white, flaked solid	Odor	Faint to none
Flash Point	>500°F	Biodegradable	Yes
Softening Point	170-190°F	Biorenewable	Yes
Liquid Point	300°F	Biosustainable	Yes
Specific Gravity	0.9352	Environmentally Safe	Yes – Green Formulation

Packaging: Available in Drums, Pails and Totes

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