

WireWorks 10027 Solid – Botanical Wiredrawing Lubricant



Product Description

WIREWORKS 10027 is a unique approach to the **dry drawing** of wire **without** the drawbacks associated with calcium or sodium based soaps. **WIREWORKS 10027** 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 with oil-based and some water-based paints
- ▲ Improved wire finish as compared to soaps

Applications

- ▲ One hole wiredrawing
- ▲ Bull block drawing
- ▲ Drawing any metal wire where grease/oil is used
- ▲ Drawing stainless steel wire with a borax or lime pre-coat
- ▲ Anywhere better finishes and RP are required
- ▲ Finish or die lubricant
- ▲ Ripper lube
- ▲ Drawing aluminum alloy wires
- ▲ Hot dip lubricant for tube or wire
- ▲ Improved finish and RP when mixed with soap

Directions For Use: **WIREWORKS 10027** 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, or in sealed die box. To remove residues use hot, high alkaline, water-based cleaners in a soak tank or spray washer.

Properties

Appearance	Off white, ground solid	Flash Point	>500°F
Softening Point	120-148°F	Biodegradable	Yes
Melting Point	Approx. 300°F	Biorenewable	Yes
Ashless	Yes	Biosustainable	Yes
Odor	Faint to none	Environmentally Safe	Yes – Green Formulation

Packaging: **WireWorks 10027** is available in 26 lb pails or 225 lb drums

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