

ONE SOURCE

ONE SOLUTION

ONE WORLD



metalloid

WIREWORKS

Earth Friendly Solutions

For

WireDrawing



WireWorks Technology at Work FOR YOU!

DRY LUBRICANTS

Low Carbon Steel

Lubricant	Surface Prep	Application	Wire Type	Softening Point
WireWorks 10005	Descaled, Acid Pickled, Borax or Lime Coated	Bull Block Drawing, Finishing Die	Nail, Galvanized, Coldheaded, Bright or Plated	170-190°F
WireWorks 10013	Descaled, Acid Pickled, Borax or Lime Coated	Bull Block Drawing, Finishing Die	Welding, Staple, Electrode, Coldheaded	125°F
WireWorks 10027	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Coldheaded, Bright or Plated, Galvanized, Copper Plated	120-148°F

High Carbon Steel

Lubricant	Surface Prep	Application	Wire Type	Softening Point
WireWorks 10005 USDA BIO PREFERRED	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Coldheaded, Bearing, Drawing Galvanized, Alum Clad, Cable	170-190°F
WireWorks 10027	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Spring, Bright or Plated,	120-148°F
WireWorks 10030	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Coldheaded, Bearing, Drawing Galvanized, Alum Clad, Cable	263°F
WireWorks 10041	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Coldheaded, Bearing, Drawing Galvanized, Alum Clad, Cable	200°F
WireWorks 10045	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Spring, Bright or Plated,	120°F
WireWorks 10047	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Spring, Bright or Plated,	130°F
WireWorks 10051	Phosphate , Polymer, Borax, Lime Coated	Bull Block Drawing, Finishing Die	Coldheaded, Bearing, Drawing Galvanized, Alum Clad, Cable	230-240°F

Stainless & Alloy Steels

Lubricant	Surface Prep	Application	Wire Type	Softening Point
WireWorks 10030	Lime or Borax Coated	3-4 Hole, Ripper Box, Finishing Die	Coldheaded, Welding, High Alloy Steel	263°F



WireWorks

Wiring Your World With Safe Solutions

WET LUBRICANTS								
LUBRICANT	Steel	Stainless Steel	Aluminum	Copper	Galvanized	Cladded	Annealable	COMMENTS
Botanical Oils								
WireWorks 5140	√	√	√		√		√	Multi-die, draws wire, bars and tubes
WireWorks 5270	√	√					√	Heavy-duty version of WW5140
WireWorks 5275	√			√	√		√	Single hole wiredrawing,
WireWorks 6110*	√	√					√	Rod break-down, single or multi die. Can also be used as in-line rust protection to replace solvents RPs.
WireWorks 6120HV	√	√					√	Wire, bar and tube drawing
WireWorks 6380*	√	√			√		√	Single and multi die. Available in custom viscosities.
CHLORINE FREE - Please call 800.686.3201 to ask about our Chlorine Free lubricants for stainless steel wiredrawing.								
Water Soluble Oils								
WireWorks C-WD*	√	√	√	√	√	√	√	Bio-stable, rod break-down, multi-die
WireWorks 5430*	√	√	√	√	√	√	√	Oil free version of WW C-WD
WireWorks 9030	√	√	√	√	√		√	Wire Weaving (fencing)
Evaporative Lubricants								
Metdraw 711	√		√		√		√	Stranding lube
Metdraw 5772	√		√		√		√	Cutting and straightening lube
Polymeric Oils								
WireWorks 5130HV	√	√	√			√	√	Up to 3 hole w pre-coat
WireWorks 5130C	√	√	√			√	√	Up to 3 hole w pre-coat

***USDA BIOPREFERRED CERTIFIED**



WireWorks
Formulated to Provide the WireDrawing Industry
with Environmentally Safe, Soap Free, Solutions

GREASE LUBRICANTS		
<i>Carbon Steels</i>		
Lubricant	Application	Comment
WireWorks 5110WD	Skin pass drawing before wet drawing	Safe on all metals. Very clean running.
WireWorks 5275P	Heavy reduction skin pass drawing	Coldheading, bars and profiles. Safe on all metals
WireWorks 5520	Heavy-duty skin pass drawing before wet drawing	Fully annealable
<i>Stainless Steels</i>		
Lubricant	Application	Comment
WireWorks 5110WD	Ripper lube, bar drawing	No EP additives, oil free and very clean
WireWorks 5120	Heavy-duty drawing of stainless tube and wire	Pigmented lube
<i>Alloy Steels</i>		
Lubricant	Application	Comment
WireWorks 5110 WD	Ripper lube, bar drawing	No EP additives, oil free and very clean
<i>Aluminum</i>		
Lubricant	Application	Comment
WireWorks 5110 WD	Skin pass drawing	Oil free, annealable
QUENCH LUBRICANTS		
Lubricant	Application	Comment
METCHEM 6520	Copper, Tin Plated Copper, Cladded	General purpose quenching
METCHEM 6140	Copper, Tin Plated Copper, Cladded	Inhanced lubricity and wetting properties



Green Cleaners for the World We Share

GREEN CLEANERS FOR WIRE MANUFACTURING

METGREEN

A Low VOC, neutral cleaner and lubricant to replace volatile solvents for in-line wire cleaning. Water rinsable. Safe on all metals. Flash Point: >300°F

METGREEN 2

A synergistic blend of bio-based detergents with low VOC content. Ideal for cleaning wiredrawing dies. Flash Point 175° F. Safe on all metals.

METGREEN 3

A VOC EXEMPT, bio-based, non-flammable, neutral cleaner used as an alternative to high VOC solvent cleaners. Ideal for cleaning dies. Excellent for in-line wire cleaning. Flash Point: 273°F. Excellent corrosion protection. Safe on all metals.

METGREEN 5

A VOC exempt, cleaner used as received or can be diluted with water for economy. VOC Exempt. Flash Point: 250°F. Safe on all metals.

METGREEN 8

A bio-based, neutral cleaner with excellent corrosion protection. VOC EXEMPT. Excellent for cleaning aluminum alloy wires. Safe on all metals.



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