



Since 1991, **Commercial Industrial Supply Co, Inc (CISCO)** has been serving companies in the metal fabrication industry.

We manufacture and distribute industrial cleaning equipment, products and supplies. We offer our own line of custom blended products in addition to many national brands.

Over the past decade and a half, we have engineered a process to combat the variables in the fabrication process and determine the best product for each specific application.

Today we offer **Ferricote™ Blends**, twelve of our most widely effective iron phosphatizing formulas.

Now customers can use premium products at competitive prices.

Our **Iron Phosphatizer Test Kit** is an easy way to determine which formula provides the best results for you.



As a manufacturer, CISCO offers the most competitive prices in the industry.

Our goal is to provide you with the finest quality products and most responsive services available in the industry ...all at a fair price.

Super Duty™
Degreaser

Heavy duty, economical cleaner for metals, floors, equipment, engines, and tools.

Free rinsing detergent removes dirt, grease and oil. Can be used in hand pump sprayers, pressure washers and rotary machines.

Available in 5 gallon D-paks, 55 gallon drums and 275 gallon totes.

Ferricote™ Blends
Iron Phosphatizer

Cleans and coats steel for maximum paint adhesion and corrosion protection.

Specially formulated for hot water or steam cleaning phosphatizing. Removes heavy, oily type soils such as welding anti-splatter, drawing oils, etc.

Available in 5 gallon D-paks, 55 gallon drums and 275 gallon totes

Ferricote Test Kit Blends			
1	FC 1011 F	7	FC 2071 LF
2	FC 1021 F	8	FC 3011 LFC+
3	FC 2011 LF	9	FC 3021 LFC
4	FC 2021 LF	10	FC 4021 LFX
5	FC 2031 LF	11	FC 4041 LFX
6	FC 2051 LF	12	FC 4051 LFX

To Order
Call 800-783-7935



IRON PHOSPHATIZER TEST KIT

Water, Metal, Paint, Application & Chemicals - Which phosphatizer is right for you?

Easy to Use
Low cost
Visual Results

Commercial Industrial Supply Co

5018 NW Waukomis Drive
Northmoor, MO 64151

Phone: 816-505-2345
Fax: 816-505-3456



www.ciscokc.com

Ferricote™ Blends
Iron Phosphatizers

Premium Products at Competitive Prices

Ferricote™ Blends Iron Phosphatizers

Iron Phosphatizing

Iron Phosphatizing provides the solutions to two common problems in the metal fabrication industry. A quality iron phosphatizer not only allows better paint adhesion, but also provides for long term corrosion protection for painted metals.



During the phosphatizing process, iron crystals penetrate and react with the metal to produce an iron phosphate coating and remove dirt, oils and light rust. Generally, an effective phosphatizer creates "Blue Burn" and leaves a metallic blue/grey coating on the surface.

DEGREASING

Degreasing is an important step in pretreatment. Removing dirt and greases prior to phosphatizing prevents problems with proper coating and reactions between the phosphatizer and the steel. **Super Duty™** degreaser is specially formulated to work safely and effectively in any metal finishing process. It is an economical, triple-strength concentrate that rinses freely leaving no undissolved powders on metals.

CHOOSING THE RIGHT IRON PHOSPHATIZER

Several factors affect the quality of the finished products. Those variables include water and metal composition, method-of-application and coating quality.

Phosphatizers greatly affect coating quality and should be chosen carefully. Often fabrication shops find it difficult or expensive to test for which phosphatizers work best for them. Additionally, many vendors sell only one phosphatizer blend but not all phosphatizers work equally well in every situation.

Single formula Iron Phosphatizers do not take into account the variables of each end user. CISCO has developed **Ferricote™ Blends**, a line of phosphatizers that considers the variables and offers our customers choices. Now with a simple testing protocol, shops can easily find an iron phosphatizer that works like a custom blend.

Testing

The Iron Phosphatizer Test Kit provides a low cost, easy to use option for finding a phosphatizer that works for best.

Whether you are big shop or a small one, our test kit is simple to use and will provide immediate results you can see.

During the test, **onsite steel and water samples** are used with different iron phosphatizer blends. Other brands can also be tested and compared side by side to see which formulas provide the best results. Manufacturers with multiple sites should perform testing in each location.

Results



The test strip below shows a sample test. The desired **Blue Burn (blue/grey coating)** is achieved with some formulas but not all. The same steel, water and process was used on all of test samples except that each one used a different iron phosphatizer. Five of the samples below, show good to excellent phosphatizing.



PAINT ADHESION TESTING

We recommend additional Paint Adhesion Testing to further determine which iron phosphatizer provides the best paint adhesion.

CISCO's offers Iron Phosphatizer and Paint Adhesion testing performed by our technicians. Please call to ask if this service is available in your area.

IRON PHOSPHATIZER TEST KIT Ferricote™ Blends



\$29.95

plus shipping & handling

**Easy to use
Low cost
Visual Results**

Test Kit Includes

- 12 - Ferricote™ Iron Phosphatizer samples
- 1 - Extra 2oz test bottle
- 1 - Super Duty™ Degreaser sample
- 1 - 60 ml syringe
- 1 - Scouring pad

Testing Instructions
Test record sheet
Tech Data Sheets
Material Safety Data Sheets

Technical Support

Support with the testing process, assessing results or about product information and ordering

Monday - Friday 8:00 am - 5:00pm

1-800-783-7935

Custom Blends

We can also develop custom blends unique to your needs and application. Please call us to ask if this service is available in your area.

800-783-7935

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