

Zerust® ICT®520-CB1 Anti-Tarnish Film

TECHNOLOGY THAT PROTECTS METALS FROM TARNISH

FEATURES

- Extremely effective with proven service life
- Permanently neutralizes corrosive gases
- Inexpensive compared to foil and other films using copper particles
- Easily adaptable for automated packaging equipment
- Unique see through design

BENEFITS

- Protection for 5 years or more
- Safe for employees, customers and the environment
- No cleaning of parts is required when removed from bag
- Lightweight design makes transportation & handling easier
- Can be colored to customer's specifications

PRODUCT INFORMATION

Zerust® ICT®520-CB1 Anti-Tarnish scavenger film blocks out the corrosion causing acid gases before they can cause damage to metals. Zerust Anti-Tarnish film and bags contain Zerust acid-gas scavengers that protect silver and yellow metals against oxidation and tarnish.

Zerust ICT520-CB1 Anti-Tarnish film protects silver, copper, bronze, brass, or tin from unsightly and damaging oxidation and tarnish. Typical applications include silver items, copper wiring, electronic components and musical instrument strings. When used in conjunction with other Zerust technologies it will provides added protection for all metal types while preventing acid gases from entering the packaging. Zerust does not leave any residues or affect the functionality of protected items.

APPLICATION EXAMPLE

CIRCUIT BOARD PACKAGED IN ZERUST ICT520-CB1 ANTI-TARNISH FILM.



PROTECT SILVER, COPPER, BRONZE, BRASS, OR TIN FROM UNSIGHTLY DAMAGING OXIDATION AND TARNISHING.



APPLICATION TYPE

CORROSION PROTECTION FOR:



ORDERING INFORMATION

■ SIZES AND AVAILABILITY

Please contact a Customer Service Representative for bag sizes & availability. Affordable custom options available upon request.

■ THICKNESS

Bags & film available in 2.0 mil-6 mil thickness

■ PROTECTION TYPE

Protects silver, copper, bronze, brass and tin from oxidation and tarnish.

■ PROTECTION LIFE

Objects can be protected for 5 years or more when properly packed and stored.

■ SHELF LIFE

Shelf life of 2 years if stored out of direct sunlight and in original packaging

QUESTIONS?

Please contact Customer Service at +1 (763) 225-6600 or email sales@zerust.com.

ZERUST® ICT®520-CB1 ANTI-TARNISH FILM

Physical Data for Zerust® ICT®520-CB1 Anti-Tarnish Film

Appearance	Transparent polyethylene film
Color	Colors available upon request
Odor	Odorless
Specific Gravity	0.92
Handling	No special handling required
Restrictions	Not recommended for direct prolonged exposure to sunlight
Sealing	Heat Sealable with standard equipment
Recommend Sealing Temperature	320°F-340°F depending upon actual sealing equipment, adjusted for dwell & pressure
Stability	Stable under normal storage and shipping conditions. Avoid flames, acids, strong reducing agents, strong oxidizers or solvents which dissolve polyethylene film
Shelf life	2 years of estimated shelf life if stored out of direct sunlight and in original packaging
Protection Life	Objects protected 5 years or more when properly packaged
Disposal Method	Can be recycled, same as polyethylene

Physical Properties	2 mil Zerust® Anti-Tarnish Film		3 mil Zerust® Anti-Tarnish Film	
	MD	TD	MD	TD
Tensile Strength (MPa)	15-22	14-21	19-31	18-27
Elongation (%)	500-800	500-700	600-900	600-900
Dart Impact	> 125 g.		> 200 g.	
Moisture Permeation (g/m ² /24 hrs)	10.10-18.34		4.65-12.00	

We make a variety of products that are right for your specific situation. For more information about additional Zerust® products, please visit our web site at www.zerust.com or contact us at +1 (763) 225-6600.

OTHER PRODUCTS AVAILABLE

ICT® 700 Series: Liquid Additives and Coatings

Temporary corrosion protection for parts in-between production processes, during storage or for added protection to the ICT® 500 series products during ocean shipments.

ICT® 800 Series: Diffusers

Self-contained, portable products that diffuse Zerust® ICT® chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.



A product of:
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Warranty and Disclaimer Information:

We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied. See www.Zerust.com/warranty.

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This product is recyclable. Please consult federal, state and local regulations.