

Zerust® ICT®520-CB1 Anti-Tarnish Film

TECHNOLOGY THAT PROTECTS METAL FROM CORROSION

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



APPLICATION TYPE

PRODUCT INFORMATION

Zerust® ICT®520-CB1 Anti-Tarnish film uses a proprietary chemical formulation to transform regular plastic bags into a corrosive gas blocker protecting against oxidation, tarnish and corrosion. Zerust® ICT®520-CB1 Anti-Tarnish film blocks out the corrosive causing acid gases before they can cause damage to parts.

Whether you are trying to protect silver, copper, bronze, brass, tin, iron, or steel, Zerust® ICT®520-CB1 Anti-Tarnish film can protect it from unsightly damaging oxidation, corrosion and tarnishing. Typical applications include silver jewelry, silverware, copper and musical instrument strings and when used in conjunction with other Zerust® technologies, will protect electronic components, circuit boards and circuit board assemblies. In applications where cosmetic and functional perfection are demanded, Zerust® ICT®520-CB1 Anti-Tarnish film will satisfy your needs.

APPLICATION EXAMPLE

CIRCUIT BOARD PACKAGED IN ZERUST®
ICT®520-CB1 ANTI-TARNISH FILM



CORROSION PROTECTION FOR:



ORDERING INFORMATION

■ DIRECTIONS FOR USE

1. CLEAN & DRY PART TO BE PROTECTED
2. PLACE PART IN BAG OR WRAP IN FILM
3. SEAL BAG OR FILM TIGHTLY

■ SIZES

Please contact a Customer Service Representative for bag sizes & availability.

■ THICKNESS

Bags & film available in 2.0 mil-6 mil thickness

■ PROTECTION TYPE

A cost effective and versatile acid gas barrier bag or film that protects metals from corrosion causing sulfur, acetic and formic acid gases.

■ PROTECTION LIFE

Objects can be protected for 5 years or more if 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.



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

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

	2 mil Zerust® Anti-Tarnish Film		3 mil Zerust® Anti-Tarnish Film	
<u>Physical Properties</u>	<u>MD</u>	<u>TD</u>	<u>MD</u>	<u>TD</u>
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.

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