ZERUST® EXCOR®

ZERUST® Product Catalog



1-800-328-2433 www.Zerust.com

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In Stock ZERUST® Products

ZERUST® understands the importance of a quick turnaround and providing our customers with the products that they need and when they need them. That's why ZERUST® inventory's hundreds of corrosion-inhibiting products in stock and ready for shipment. **It's simple, fast, and easy!**

See IN STOCK next to a part number? Then it's in stock and ready to be shipped immediately from one of our two centrally located warehouses in Circle Pines, MN, and Fort Wayne, IN. Our Circle Pines warehouse primarily stocks our rust preventative coatings, cleaners, rust removers, powder additives, and VCI emitters and diffusers. Our Fort Wayne warehouse stocks our VCI packaging products, including VCI film, bags, sheeting, and VCI paper products.

Minimal storage space at your warehouse? We can help!
Blanket orders are available that allow for your product to be stocked at our centrally located warehouse, with multiple scheduled delivery dates over a period of time, to take advantage of our quantity pricing.



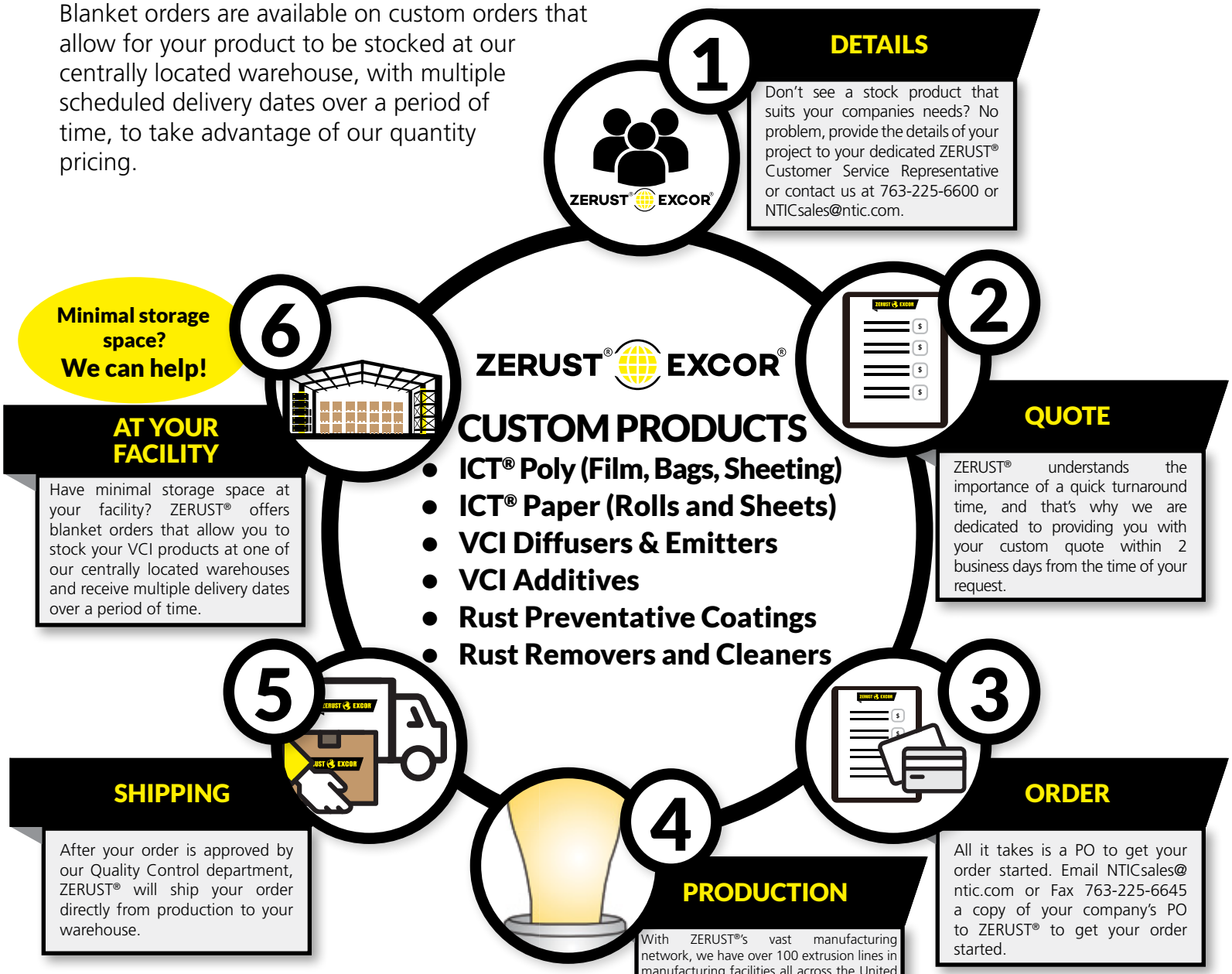
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Custom ZERUST® Products

Don't see the specific product you need? No problem, ZERUST® offers a wide range of custom products. Simply provide details of your project to your dedicated ZERUST® Customer Service Representative or contact us at 763-225-6600 or NTICsales@ntic.com, and we'll have your custom quote within 2 business days from the time of your request.

Concerned that custom products will raise your cost?
Ordering custom products from ZERUST® typically provides an opportunity for our customers to save on costs, as custom runs typically have minimum order quantities, compared to no minimum on orders from our in stock inventory.

Want to avoid large run orders due to minimum space at your warehouse? We can help!
Blanket orders are available on custom orders that allow for your product to be stocked at our centrally located warehouse, with multiple scheduled delivery dates over a period of time, to take advantage of our quantity pricing.



NTIC operates a quality management system that complies with the requirements of ISO9001:2015 for the design and manufacture of corrosion inhibiting and protective packaging systems.

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- **Hundreds of products in stock**
- **Orders placed by 10:00 AM CST are shipped same the business day**
- **No minimum orders**
- **Blanket orders available**
- **Custom orders available**
- **Let us store products for you!**

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ZERUST® ICT® Ferrous VCI Poly Bags

ZERUST®/EXCOR® ICT® Ferrous VCI Bags provide convenient and proven protection against corrosion damage to metals during work-in-progress, shipping, and storage. They're available in flat, zipper, and gusseted sizes. Typical colors are yellow, green & blue. Custom colors and printing are available upon request.



4 Mil Ferrous Yellow Plain Closure Flat Bags

Part Number	W x L	Quantity	Weight
025-F-00001B	3" x 5"	1,000/case	5 lb/case
025-F-00001	3" x 5"	5,000/case	20 lb/case
025-F-00002B	4" x 6"	1,000/case	7 lb/case
025-F-00002	4" x 6"	2,000/case	13 lb/case
025-F-00003	6" x 8"	1,000/case	13 lb/case
025-F-00115	8" x 10"	1,000/case	21 lb/case
025-F-00006	9" x 12"	1,000/case	29 lb/case
025-F-00036	10" x 12"	1,000/case	34 lb/case
025-F-00007	10" x 14"	1,000/case	37 lb/case
025-F-00046B	12" x 12"	1,000/case	39 lb/case
025-F-00008	12" x 18"	500/case	29 lb/case
025-F-00009	18" x 24"	250/case	29 lb/case
025-F-00371	24" x 30"	150/case	29 lb/case
025-F-00010	24" x 36"	150/case	35 lb/case

Benefits

Effective corrosion protection and packaging combined in one step

Metals are ready for use and assembly directly out of the packaging

Available in many different formulations and sizes

Provides safe and effective ZERUST® VCI protection.

Recyclable



4 Mil Ferrous Yellow Zipper Bags

Part Number	W x L	Quantity	Weight
050-F-00001B	3" x 5"	1,000/case	5.5 lb/case
050-F-00001	3" x 5"	5,000/case	22 lb/case
050-F-00002B	4" x 6"	1,000/case	7.5 lb/case
050-F-00002	4" x 6"	2,000/case	15 lb/case
050-F-00003	6" x 8"	1,000/case	15 lb/case
050-F-00047	8" x 10"	1,000/case	30 lb/case
050-F-00009	9" x 12"	1,000/case	32 lb/case
050-F-00021	10" x 12"	1,000/case	34 lb/case
050-F-00004	12" x 18"	500/case	31 lb/case
050-F-00048	18" x 24"	250/case	31 lb/case

Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom, and CA WHMIS regulations.

ZERUST® VCI chemistry is safe for sensitive electronics. No galvanic effects, residues, or changes in the properties of metals. The protective molecules dissipate upon opening the package.

Application Type

Storage
Shipping
Work-in-progress

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ZERUST® ICT® Ferrous VCI Poly Bags

2 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-99981	13" x 9" x 16"	1,000/roll	47 lb/roll
075-F-00321	15" x 9" x 24"	500/case	39 lb/case
075-F-99978	16" x 13" x 25"	500/roll	49 lb/roll
075-F-99973	25" x 16" x 33"	250/roll	46 lb/roll
075-F-00001	48.5" x 42.5" x 60"	100/roll	73 lb/roll
075-F-00002	48.5" x 42.5" x 90"	70/roll	77 lb/roll

3 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-00064B	22" x 16" x 30"	250/case	57 lb/case
075-F-00033	58" x 48" x 90"	35/roll	67 lb/roll

3.5 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-00015	40" x 28" x 60"	50/roll	48 lb/roll

4 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-00003	26" x 24" x 46"	50/case	28 lb/case
075-F-99992	34" x 31" x 69"	50/roll	60 lb/roll
075-F-00027	34" x 33" x 48"	85/roll	74 lb/roll
075-F-01046	40" x 36" x 80"	25/roll	41 lb/roll
075-F-99990	51" x 46" x 88"	25/roll	57 lb/roll
075-F-00349	54" x 44" x 96"	25/roll	63 lb/roll
075-F-00029B	57" x 48" x 85"	20/roll	48 lb/roll
075-F-00031	82" x 40" x 79"	25/roll	65 lb/roll

5 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-00019	12" x 11" x 23"	250/case	44 lb/case
075-F-00020	20" x 17" x 32"	100/roll	39 lb/roll

6 Mil Ferrous Yellow Gusset Bags

Part Number	W x D x L	Quantity	Weight
075-F-00021	31" x 17" x 38"	75/roll	55 lb/roll

ZERUST® ICT® Poly VCI Weapon Bags

ZERUST®/EXCOR® ICT® Poly VCI Weapon Bags provide protection against corrosion, dust, sand, and humidity for weapons and accessories in shipping, storage, and between operations.

Part Number	W x L	Mil	Quantity	Weight
910-F-00006	14" x 60" (rifle)	6	100/case	35 lb/case
910-F-00007	10" x 18" (handgun)	4	100/case	6 lb/case



Custom Options

ZERUST®/EXCOR® ICT®510-C VCI Bags are available in many custom options such as UV, slip, anti-block, anti-static, printing, and color.

Size Range (width):
2" - 125" (flat)
2" - 150" (gusset)





ZERUST® ICT® Multimetal VCI Bags

ZERUST®/EXCOR® ICT® Multimetal VCI Bags provide convenient and proven protection against corrosion damage to metals during work-in-progress, shipping, and storage. They are available in flat, zipper, and gusseted sizes. Typical colors are green, blue, and yellow. Custom colors and printing are available upon request.



4 Mil Multimetal Green Plain Closure Flat VCI Bags

Part Number	W x L	Quantity	Weight
025-M-00021	6" x 8"	1,000/case	13 lb/case
025-M-00022	8" x 10"	1,000/case	21 lb/case
025-M-00037	10" x 12"	1,000/case	34 lb/case
025-M-00153	12" x 12"	1,000/case	39 lb/case
025-M-00023	12" x 18"	500/case	29 lb/case
025-M-00025	18" x 24"	250/case	29 lb/case
025-M-00026	24" x 36"	150/case	35 lb/case
025-M-00027	36" x 48"	75/case	35 lb/case

Multimetal Green Gusset VCI Bags

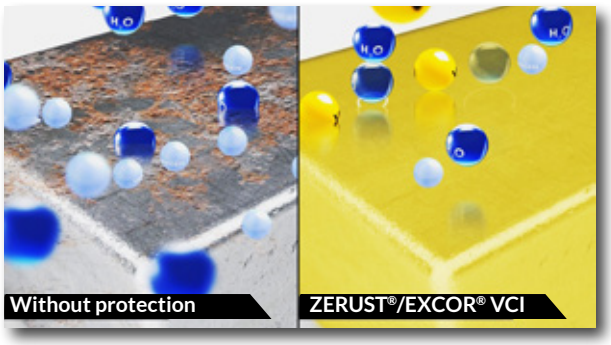
Part Number	W x D x L	Mil	Quantity	Weight
075-M-00002	34" x 33" x 66"	3	85/roll	76 lb/roll
075-M-00038	23" x 17" x 36"	4	100/roll	39 lb/roll
075-M-00182	30" x 21" x 40"	4	120/roll	67 lb/roll
075-M-00122	54" x 44" x 96"	4	25/roll	63 lb/roll
075-M-00010	67" x 50" x 72"	4	35/roll	79 lb/roll
075-M-00179	70" x 60" x 100"	4	15/roll	54 lb/roll
075-M-00215	40" x 36" x 80"	4	25/roll	43 lb/roll



What is VCI?

VCI is an abbreviation for Vapor Corrosion Inhibitor or Volatile Corrosion Inhibitor. VCIs are molecules that inhibit corrosion by forming a thin, protective layer on a metal surface within an enclosed space. This invisible layer prevents moisture and environmental elements from reacting with the metal surface and causing corrosion. The molecules dissipate when the enclosure is opened and do not need to be removed.

"In effect, the ZERUST® VCI corrosion protection applies and removes itself."



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ZERUST® ICT® Multimetal VCI Bags

4 Mil Multimetal Blue Plain Closure Flat VCI Bags

Part Number	W x L	Quantity	Weight
025-M-00691	3″ x 5″	1,000/case	5 lb/case
025-M-00167	4″ x 6″	2,000/case	13 lb/case
025-M-00141	6″ x 8″	1,000/case	13 lb/case
025-M-00146	9″ x 12″	1,000/case	29 lb/case
025-M-00694	12″ x 12″	1,000/case	39 lb/case
025-M-00695	12″ x 18″	500/case	29 lb/case
025-M-00169	18″ x 24″	250/roll	29 lb/roll
025-M-00696	24″ x 36″	150/case	35 lb/case



Custom Options

ZERUST®/EXCOR® ICT®510-C VCI Film Bags are available in many custom options such as UV, slip, anti-block, anti-static, printing, and color.

Size Range (width):
2″ - 125″ (flat)
2″ - 150″ (gusset)

4 Mil Multimetal Blue Zipper VCI Bags

Part Number	W x L	Quantity	Weight
050-M-00006	3″ x 5″	1,000/case	5.5 lb/case
050-M-00007	4″ x 6″	1,000/case	7.5 lb/case
050-M-00008	6″ x 8″	1,000/case	15 lb/case
050-M-00009	12″ x 18″	500/case	31 lb/case



4 Mil Multimetal Blue Gusseted VCI Bags

Part Number	W x D x L	Quantity	Weight
075-M-00246	54″ x 44″ x 96″	25/roll	63 lb/roll
075-M-01510	35″ x 35″ x 72″	40/roll	54 lb/roll
075-M-01509	14″ x 10″ x 25″	250/roll	40 lb/roll
075-M-01511	48″ x 42″ x 60″	30/roll	44 lb/roll



ZERUST® ICT® VCI Film and Sheeting

ZERUST®/EXCOR® ICT® VCI Film and Sheeting provides cost-effective and versatile protection against corrosion damage for metals during work-in-progress, shipping, and storage. It's available in ferrous, non-ferrous, and multimetal protection types and various-sized rolls, sheets, and tubing.



ZERUST® ICT®510-C 4 Mil Sheeting

Part Number	W x L	Weight	Type
100-F-00002	36" x 500'	29 lb/roll	Ferrous, yellow
100-F-00064	72" x 500'	58 lb/roll	Ferrous, yellow
100-F-00081	12' x 250'	67 lb /roll	Ferrous, yellow
100-M-00045	48" x 500'	38 lb/roll	Multimetal, blue

ZERUST® ICT®510-C 4 Mil Ferrous Tubing



Part Number	W x L	Max Part Diameter (Fits up to)*	Weight
200-F-00005	4" x 1,500'	2"	19 lb/roll
200-F-00006	6" x 500' (4 rolls/case)	3"	39 lb/case
200-F-00007	8" x 500'	4"	13 lb/roll
200-F-00052	12" x 1,000'	6"	39 lb/roll
200-F-00069	16" x 500'	9"	26 lb/roll
200-F-00012	24" x 500'	13"	39 lb/roll
200-F-00001	36" x 500'	20"	58 lb/roll
200-F-00002	48" x 500'	28"	77 lb/roll

* Due to the nature of film blowing/extruding, it's possible that tubing sizes may vary in size by +/- 10%. ZERUST® recommends requesting samples in order to confirm all dimensions prior to placing an order. The max part diameter may also vary due to the nature of your part (metal finish (rough/smooth), shape (sharp edges), and rust preventatives/coatings).

ZERUST® ICT®520-HS 3.2 Mil High-Strength Film

ZERUST®/EXCOR® ICT®520-HS High-Strength VCI Film is a high-strength, lightweight, and durable packaging solution for cost-effective and versatile corrosion protection of metals during work-in-progress, shipping, and storage. The film's high-strength properties make ICT®520-HS less susceptible to punctures and tears compared to standard polyethylene films, rendering it an ideal choice for parts that are heavy or have rough edges.



Part Number	W x L	Weight
325-M-00032	18' x 200'	58 lb/roll

ZERUST® ICT® VCI Film and Sheeting

ZERUST® ICT®510-CLHD High-Density Ferrous Film

ZERUST®/EXCOR® ICT®510-CLHD High-Density Ferrous VCI Film is a high-density packaging film, making it lightweight yet strong. Use CLHD film for interleaving purposes, to laminate other materials, or as a replacement for VCI kraft paper during shipment, storage, or work-in-progress.



Part Number	W x L	Mil	Quantity	Weight
150-F-00175	13″ x 12″	1	4,000 sheets/roll	42 lb/case (2 rolls/case)
150-F-00166	48″ x 56″	1.25	500 sheets/roll	57 lb/roll
150-F-00005	36″ x 36″	1.5	750 sheets/roll	49 lb/roll
150-F-00163	42″ x 42″	1.5	500 sheets/roll	44 lb/roll
100-F-00009	48″ x 2,000′	1.5	1 roll	58 lb/roll

ZERUST® ICT®510-CLHD High-Density Multimetal Sheeting



Part Number	W x L	Mil	Quantity	Weight
150-M-00001	36″ x 36″	1.5	750 sheets/roll	49 lb/roll

ZERUST® ICT® VCI Tote Covers with Elastic Band

ZERUST®/EXCOR® ICT® VCI Tote Covers are a convenient packaging product made of ZERUST® ICT®510-CLHD Ferrous VCI Film with an elastic band and designed to fit over work totes. They protect ferrous metal parts from corrosion and dust while keeping them visible and easy to access.



Part Number	W x L	Mil	Quantity	Weight
675-F-00003	30″ x 30″	1.5	100/case	8 lb/case

Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom, and CA WHMIS regulations.

ZERUST® VCI chemistry is safe for sensitive electronics. No galvanic effects, residues, or changes in the properties of metals. The protective molecules dissipate upon opening the package.

Application Type

Storage
Shipping
Work-in-progress

ZERUST® ICT® VCI Film and Sheeting

ZERUST® ICT®510-SM VCI Stretch Film

ZERUST®/EXCOR® ICT®510-SM VCI Stretch Film is a high-quality cast film used to wrap pallet loads, bundles, large items, and irregularly shaped metal objects during storage and shipping. The film's high-stretch tension assures tear resistance and load stability in transit with its superior elastic stretch memory. ICT®510-SM VCI Stretch Wrap is ideal for use with machine-stretch applications, and smaller rolls are also available for hand-stretch applications.



Part Number	W x L	Mil	Weight	Type
250-F-00006	4" x 667' (12 rolls/case)	1.25	19 lb/case	Hand, ferrous, yellow
250-F-00002	20" x 4,000'	1.25	40 lb/roll	Machine, ferrous, yellow
250-M-00004	20" x 4,500'	1	36 lb/roll	Machine, multimetal, blue
250-M-00005	18" x 1500' (4 rolls/case)	1	47 lb/case	Hand, multimetal, blue

ZERUST® ICT®510-SRK Shrink VCI Film

ZERUST®/EXCOR® ICT®510-SRK Shrink VCI Film is a high-strength polyethylene shrink film integrated with ZERUST® VCI technology designed for the advanced protection of metals during indoor storage and mothballing. When heated, the film shrinks to conform tightly around objects, effectively repelling moisture and external contaminants, while the invisible, odorless, and non-toxic VCI molecules saturate the interior of the packaging, protecting hard-to-reach spaces and voids from corrosion.



Part Number	W x L	Mil	Weight	Type
100-F-00010	20' x 100'	4	39 lb/roll	Indoor, ferrous, yellow
100-M-00007	20' x 100'	4	39 lb/roll	Indoor, multimetal, green
100-F-00004	48" x 500'	4	38 lb/roll	Indoor, ferrous, yellow
100-F-00084	20' x 100'	6	58 lb/roll	Indoor, ferrous, yellow

ZERUST® ICT®510-OPS Outdoor Preservation VCI Shrink Film

ZERUST®/EXCOR® ICT®510-OPS Outdoor Preservation VCI Shrink Film is a high-strength shrink film integrated with ZERUST® VCI technology and UV stabilizers, designed specifically for the long-term outdoor preservation of large assets. When heated, the film shrinks to conform tightly around objects, effectively repelling moisture and external contaminants, while the invisible, odorless, and non-toxic VCI molecules saturate the interior of the packaging, protecting hard-to-reach spaces and voids from corrosion.



Part Number	W x L	Mil	Weight	Type
100-F-00070	20' x 100'	8	78 lb/roll	Outdoor, 5 yr UVI, ferrous, gray
100-F-00077	40" x 425'	8	55 lb/roll	Outdoor, 2 yr UVI, ferrous, clear
250-X-00007	4" x 108'	6	12 rolls/16 lb	2 yr UVI - Gray OPS Tape
250-X-00008	6" x 108'	6	8 rolls/17 lb	2 yr UVI - Gray OPS Tape

1-800-328-2433

ZERUST® ICT® VCI Film and Sheeting

ZERUST® ICT®570 Closed-Cell VCI Foam Sheeting

ZERUST®/EXCOR® ICT®570 Closed-Cell VCI Foam Sheeting is a lightweight and resilient packaging material that's ideal for protecting metals against corrosion damage during shipping, storage, and work-in-progress. It conforms to various shapes, providing optimal protection without adding significant weight, thus minimizing the risk of damage to parts on the move.



Part Number	W x L	Thickness	Weight	Type
575-F-00004	72" x 550'	1/8"	58 lb/roll	Ferrous, yellow

ZERUST® ICT®520-SRA VCI Plastic Scrim

ZERUST®/EXCOR® ICT®520-SRA VCI Plastic Scrim is a durable polyethylene fabric that contains woven strands for strength and tear resistance, as well as ZERUST® VCI protection. Use ICT®520-SRA VCI Scrim to provide corrosion protection when stacking parts, transporting multiple parts together, or as a liner in shelving units. It's also ideal for wrapping and protecting large, heavy objects such as steel coils, lathes, and molds.



Part Number	W x L	Weight	Type
600-F-00004	48" x 200 Yards	60 lb/roll	Ferrous, yellow

ZERUST® ICT®510-MSF VCI Masking Film

ZERUST®/EXCOR® ICT®510-MSF VCI Masking Film is a pressure-sensitive adhesive film that protects from metal surfaces from scratches, dust, and corrosion. The film is designed to adhere securely to vertical surfaces, maintaining its position firmly until intentionally removed. Upon removal, the masking film is engineered to leave behind no adhesive residue under normal conditions, ensuring the pristine condition of the metal surface.



Part Number	W x L	Mil	Weight	Type
100-F-00085	10" x 500'	3	22 lb/case (2 rolls/case)	Ferrous, blue

ZERUST® ICT®510-PCR30 Post-Consumer Recycled (PCR) VCI Film

ZERUST®/EXCOR® ICT®510-PCR30 is a proven ZERUST® VCI film with 30% post-consumer recycled (PCR) polyethylene, providing sustainable and versatile protection against corrosion damage for metals in shipping, storage, and work-in-progress. This approach contributes to reducing carbon by minimizing waste, conserving resources, and mitigating the environmental impact of traditional disposal methods like landfills and incineration. ICT®510-PCR30 VCI Film can be made into ferrous and multimetal VCI bags, gusset liners, tote covers, and more in mil thicknesses between 2 and 6 mil, ensuring an ideal protective and sustainable packaging solution.



ZERUST® ICT® VCI Kraft Paper

ZERUST® ICT®420 Multimetal VCI Kraft Paper

ZERUST®/EXCOR® ICT®420 is an acid-free, pH-neutral, and non-abrasive VCI kraft paper that merges the practicality and cost efficiency of paper-based packaging with advanced corrosion protection, streamlining the preservation of metals during work-in-progress, shipping, and storage. Stocked in 30#, 35#, and 60# rolls, 35# pre-cut sheets, with additional sizes and weights between 30# and 170# available upon request.

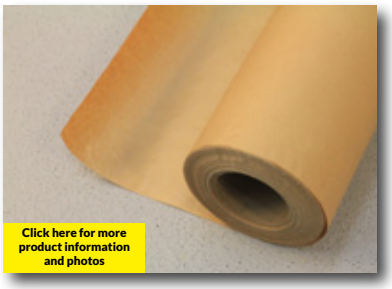


Part Number	W x L	Paper Weight	Weight
310-M-00024	36" x 200 Yards	30#	22 lb/roll
310-M-00073	48" x 200 Yards	30#	28 lb/roll
300-M-00005	36" x 200 Yards	35#	25 lb/roll
300-M-00006	48" x 200 Yards	35#	32 lb/roll
300-M-00163	8" x 8" Sheets (1,000 sheets/case)	35#	6 lb/case
300-M-00032	12" x 12" Sheets (2,000 sheets/case)	35#	25 lb/case
313-M-00024	36" x 200 Yards	60#	41 lb/roll
313-M-00020	48" x 200 Yards	60#	54 lb/roll

All paper exceeds 3Ab Mil-PRF-3420 performance requirements.

ZERUST® ICT®420-35P 35# Ferrous VCI Poly Kraft Paper

ZERUST®/EXCOR® ICT®420-35P is an acid-free, pH-neutral, and non-abrasive kraft paper coated with a one-mil thick ZERUST® VCI polyethylene layer, providing the kraft paper with increased tear and moisture resistance, making it an efficient and cost-effective solution for the corrosion protection of metals during work-in-progress, shipping, and storage. Stocked in various-sized rolls and available upon request in cut sheets.



Part Number	W x L	Paper Weight	Mil	Weight
300-F-00024	24" x 200 Yards	35#	1	44 lb/case (2 rolls/case)
300-F-00002	36" x 200 Yards	35#	1	35 lb/roll
300-F-00025	48" x 200 Yards	35#	1	44 lb/roll

ZERUST® ICT®430-35SR Multimetal Scrim Reinforced VCI Paper

ZERUST®/EXCOR® ICT®430-35SR is an acid-free, pH-neutral scrim-reinforced VCI kraft paper that provides effective corrosion protection with superior strength that avoids ripping and tearing. The high-quality 35# kraft paper is saturated on one side with proven ZERUST® corrosion inhibitors and laminated with a 3/4 mil polyethylene layer and fiberglass scrim on the back side to provide superior strength and corrosion protection during work-in-progress, shipping, and storage. Stocked in various-sized rolls and available upon request in cut sheets.



Part Number	W x L	Paper Weight	Mil	Weight
300-M-00312	48" x 200 Yards	35#	3/4	48 lb/roll
300-M-00319	24" x 200 Yards	35#	3/4	48 lb/case (2 rolls/case)

ZERUST® ICT® VCI Kraft Paper

ZERUST® ICT®432-35P Multimetal Poly VCI Kraft Paper

ZERUST®/EXCOR® ICT®432-35P is an acid-free, pH-neutral, and non-abrasive VCI kraft paper coated with a 3/4 mil plain polyethylene layer providing the kraft paper with increased tear and moisture resistance, making it an efficient and cost-effective solution for the corrosion protection of metals during work-in-progress, shipping, and storage. Stocked in various-sized rolls and available upon request in cut sheets.



Part Number	W x L	Paper Weight	Mil	Weight
300-M-00356	24" x 200 Yards	35#	3/4	38 lb/case (2 rolls/case)
IN STOCK 300-M-00358	48" x 200 Yards	35#	3/4	38 lb/roll

ZERUST® ICT®427 Premium Multimetal VCI Kraft Paper

ZERUST®/EXCOR® ICT®427 is an acid-free, pH-neutral, and non-abrasive premium VCI kraft paper formulated to provide robust corrosion protection for demanding situations, such as high humidity and challenging metal parts during work-in-progress, shipping, and storage. Stocked in a 35# roll and available upon request in various-sized rolls and cut sheets.



Part Number	W x L	Paper Weight	Weight
IN STOCK 300-M-00389PR	36" x 200 Yards	35#	25 lb/roll

ZERUST® ICT®420-170 Multimetal VCI Chips

ZERUST®/EXCOR® ICT®420-170 VCI Chips are acid-free, pH-neutral kraft paper pieces cut for easy placement in narrow or hard-to-reach areas. Fully recyclable, biodegradable, and non-toxic, they emit safe vapor corrosion inhibitors that protect metals during storage, shipping, or work-in-progress, and can be combined with other ZERUST® solutions for enhanced protection.



Part Number	Dimensions	Paper Weight	Weight
IN STOCK 320-M-00004	1" x 1"	170#	2 lb/bag
IN STOCK 320-M-00005	1" x 1"	170#	9 lb/bag
IN STOCK 320-M-00007	2" x 2"	170#	16 lb/bag

Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom, and CA WHMIS regulations.

ZERUST® VCI chemistry is safe for sensitive electronics. No galvanic effects, residues, or changes in the properties of metals. The protective molecules dissipate upon opening the package.

Application Type

Storage
Shipping
Work-in-progress

ZERUST® Rust Preventative Greases

ZERUST®/EXCOR® offers a wide range of rust inhibitor coatings ranging from oil-based, solvent-based, water-based, and grease-based to oil additives for the rust prevention of parts in-between production processes, storage, or for added rust prevention to our VCI Poly and VCI Kraft Paper products.

ZERUST® Axxanol™ Spray-G Multimetal Grease Rust Preventative



ZERUST®/EXCOR® Axxanol™ Spray-G is a sprayable grease-based rust preventative that provides the protection of a grease in the convenience of a sprayable form. It's designed to protect metal parts, equipment, and assemblies during long-term indoor and outdoor storage and challenging overseas shipping applications where a removable coating is essential. Use Axxanol™ Spray-G to safely protect machinery, equipment, other large metal assets, and more for up to 1 year‡ when stored outside or for up to 5 years‡ when stored indoors in accordance with Caterpillar Inc.'s 1E4973 specification.

Part Number	Product	Type	Quantity
350-M-00023AC	Axxanol™ Spray-G	Aerosol sprayable grease	12 oz (12 cans/case)
350-M-00023PL	Axxanol™ Spray-G	Sprayable grease	5 gal
350-M-00023DR	Axxanol™ Spray-G	Sprayable grease	55 gal

ZERUST® Axxanol™ Spray-A15G Multimetal Grease Rust Preventative



ZERUST®/EXCOR® Axxanol™ Spray-A15G is a premium sprayable, grease-based rust preventative engineered for long-term indoor and outdoor corrosion protection. It combines the durability of a traditional grease coating with the speed and convenience of spray application to protect metal components, machinery, and assemblies during storage, export, and transportation. The weather-resistant, removable coating protects for up to 1 year‡ outdoors and 5 years‡ indoors, resists rain and moisture exposure, and also provides light lubricating properties to help protect metal surfaces.

Part Number	Product	Type	Quantity
350-M-00126PL	Axxanol™ Spray-A15G	Rain resistant sprayable grease	5 gal
350-M-00126DR	Axxanol™ Spray-A15G	Rain resistant sprayable grease	55 gal

ZERUST® Axxanol™ Z-Maxx Series Multimetal Grease Rust Preventatives



ZERUST®/EXCOR® Axxanol™ Z-Maxx Series consists of two products, Axxanol™ Z-Maxx and Z-Maxx LV. Z-Maxx is a thick NLGI 2 grease and is also offered as a lower viscosity (LV) NLGI 0 grease that is designed for spreadability and light lubrication properties. The original Z-Maxx is also a multipurpose EP lubrication grease for high-temperature range applications. Both products are hardworking rust preventative greases that are ideal for protecting parts, components, machinery, and equipment in extreme weather and salt-air conditions for up to 1 year‡ outdoors and 3 years‡ indoors.

Part Number	Product	Type	Quantity
360-M-00001PL	Axxanol™ Z-Maxx	Thick grease	5 gal
360-M-00001DR	Axxanol™ Z-Maxx	Thick grease	55 gal
360-M-00002PL	Axxanol™ Z-Maxx LV	Light grease	5 gal
360-M-00002DR	Axxanol™ Z-Maxx LV	Light grease	55 gal

ZERUST® Oil-Based Rust Preventatives

ZERUST® Axxanol™ 33 Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 33 is an oil-based rust preventative that forms a light oily film, providing powerful corrosion protection against aggressive environments such as salt air and humidity. Use Axxanol™ 33 to replace standard oil in dipping applications, such as in-line rolling mills, cold-rolled sheets and coils, wire bars, and cast and machined metals. As a result, ferrous and some non-ferrous metals are protected for up to 1 year‡.



Part Number	Product	Type	Quantity
350-M-00003PL	Axxanol™ 33	Light oil	5 gal
350-M-00003DR	Axxanol™ 33	Light oil	55 gal

ZERUST® Axxanol™ 758 Multimetal VCI Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 758 is a sprayable, non-staining rust preventative oil containing ZERUST® Intelligent Counter-Corrosion Technologies (ICT®), which consists of high-performance contact inhibitor with dual-action slow and fast release Vapor Corrosion Inhibitors (VCI). When enclosed packaging, Axxanol™ 758 VCI Oil provides a moisture barrier and contact inhibitor with ZERUST® VCI chemistry that migrates to metal surfaces in hard-to-reach voids, crevices, and chambers providing corrosion protection for years‡.



Part Number	Product	Type	Quantity
350-M-00107PL	Axxanol™ 758	Non-Staining VCI oil	5 gal
350-M-00107DR	Axxanol™ 758	Non-Staining VCI oil	55 gal

ZERUST® Axxanol™ 758-NV Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 758-NV is a non-staining rust preventive oil that forms a clear, thin, oily film on the metal surface, providing a moisture barrier and powerful corrosion protection against aggressive environments such as salt air and humidity. Use Axxanol™ 758-NV to replace standard oil in dipping applications, such as in-line rolling mills, cold-rolled sheets and coils, wire bars, and cast and machined metals. As a result, ferrous and non-ferrous metals are protected for up to 2 years‡.



Part Number	Product	Type	Quantity
350-M-00119PL	Axxanol™ 758-NV	Non-Staining oil	5 gal
350-M-00119DR	Axxanol™ 758-NV	Non-Staining oil	55 gal

ZERUST® Axxanol™ A35-8030 Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ A35-8030 is an oil-based rust preventative that forms a thin film to deliver powerful corrosion protection in harsh environments such as salt air and humidity. Ideal for ferrous, non-ferrous, and multimetal parts, it also offers lubricating benefits to ease assembly and disassembly. Axxanol™ A35-8030 is customizable with color or UV tracer options to meet specific application needs, providing protection for up to 5 years‡ indoors and up to 1 year‡ in outdoor conditions.



Part Number	Product	Type	Quantity
350-M-00120AC	Axxanol™ A35-8030	Thin oil and lubricant	12 oz (12 cans/case)
350-M-00120PL	Axxanol™ A35-8030	Thin oil and lubricant	5 gal
350-M-00120DR	Axxanol™ A35-8030	Thin oil and lubricant	55 gal

ZERUST® Oil-Based Rust Preventatives

ZERUST® Axxanol™ 750 Multimetal VCI Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 750 is a sprayable rust preventative oil containing Vapor Corrosion Inhibitors (VCI). When shipped or stored in enclosed packaging, Axxanol™ 750 forms a clear, thin, oily film that provides a moisture barrier and contact inhibitor with ZERUST® VCI chemistry that migrates to metal surfaces in hard-to-reach voids, crevices, and chambers, providing powerful corrosion protection for years‡.



Part Number	Product	Type	Quantity
350-M-00019PL	Axxanol™ 750	VCI thin oil	5 gal
350-M-00019DR	Axxanol™ 750	VCI thin oil	55 gal

ZERUST® Axxanol™ 750-NV Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 750-NV is an oil-based rust preventative that forms a clear, thin, oily film, providing a moisture barrier and powerful corrosion protection against aggressive environments. Use Axxanol™ 750-NV to protect ferrous and non-ferrous metals are protected for up to 2 years‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
350-M-00033PL	Axxanol™ 750-NV	Thin oil	5 gal
350-M-00033DR	Axxanol™ 750-NV	Thin oil	55 gal

ZERUST® Axxanol™ 46-BIO Multimetal Bio-Based Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 46-BIO is a sprayable bio-based rust preventative that forms a clear, thin, oily, moisture-barrier film that's also a light lubricant oil. This property makes it ideal for cleaning and protecting equipment for up to 1 year‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
350-M-00011GL	Axxanol™ 46-Bio	Bio-based thin oil	1 gal (4 bottles/case)
350-M-00011PL	Axxanol™ 46-Bio	Bio-based thin oil	5 gal
350-M-00011DR	Axxanol™ 46-Bio	Bio-based thin oil	55 gal

ZERUST® Axxanol™ A35-30 Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ A35-30 is an oil-based, non-staining (based on internal QUV testing) rust preventative that forms a light, oily, clear film with excellent water-barrier properties. As a result, it provides powerful corrosion protection against aggressive environments, such as salt air and humidity. Use Axxanol™ A35-30 to protect metal components, machined and cast parts, engines, molds, and more for up to 1 year‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
350-M-00098PL	Axxanol™ A35-30	Light oil	5 gal
350-M-00098DR	Axxanol™ A35-30	Light oil	55 gal

ZERUST® Solvent-Based Rust Preventatives

ZERUST® Axxanol™ 33CD Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 33CD is a solvent-based rust preventive coating that dries to the touch, eliminating oily surfaces that can attract dust and contaminants. Use Axxanol™ 33CD to safely protect metal components, machined and cast parts, engines, molds, and more for up to 6 months‡ during shipment, storage, and work-in-progress or can be used with ZERUST® VCI packaging for long-term protection.



Part Number	Product	Type	Quantity
350-M-00010PL	Axxanol™ 33CD	Dry-to-touch oil	5 gal
350-M-00010DR	Axxanol™ 33CD	Dry-to-touch oil	55 gal

ZERUST® Axxanol™ 33CD-HF High-Flash Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 33CD-HF is a high-flash solvent-based rust preventative coating that dries-to-touch, eliminating oily surfaces that attract dust and other contaminants. Use Axxanol™ 33CD-HF when a high-flash point rust preventative is needed to safely protect metal components, machined and cast parts, engines, molds, and more for up to 6 months‡ during shipment, storage, and work-in-progress or can be used with ZERUST® VCI packaging for long-term protection.



Part Number	Product	Type	Quantity
350-M-00076PL	Axxanol™ 33CD-HF	High-flash dry-to-touch oil	5 gal
350-M-00076DR	Axxanol™ 33CD-HF	High-flash dry-to-touch oil	55 gal

ZERUST® Axxanol™ 34CD Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 34CD is a solvent-based rust preventative coating that forms a very light, oily film that is near dry-to-touch, providing powerful corrosion protection against aggressive environments. The film left on the protected surface does not interfere with the parts' torque or pull-out requirements and was tested by an independent lab to be compatible with engine oil. Use Axxanol™ 34CD to safely protect metal components, machined and cast parts, engines, and more for up to 1 year‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
350-M-00012PL	Axxanol™ 34CD	Very thin oil	5 gal
350-M-00012DR	Axxanol™ 34CD	Very thin oil	55 gal

ZERUST® Solvent-Based Rust Preventatives

ZERUST® Axxanol™ 34CD-HF High-Flash Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ 34CD-HF is a high-flash solvent-based rust preventative that forms a very light, oily film that is near dry-to-touch, providing powerful corrosion protection against aggressive environments, such as salt air and humidity. Use Axxanol™ 34CD-HF to safely protect metal components, machined and cast parts, engines, molds, and more for up to 1 year‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
350-M-00075PL	Axxanol™ 34CD-HF	Very thin high-flash oil	5 gal
350-M-00075DR	Axxanol™ 34CD-HF	Very thin high-flash oil	55 gal

ZERUST® Axxanol™ A35CD-32 Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ A35CD-32 is a solvent-based, non-staining rust preventative that forms a clear, thin, near dry-to-touch film, providing powerful corrosion protection against aggressive environments, such as salt air and humidity. Use Axxanol™ A35CD-32 to protect parts during program changeover periods in the assembly process and metal components, machined and cast parts, engines, and more for up to 1 year‡ during shipment and storage.



Part Number	Product	Type	Quantity
IN STOCK 350-M-00082AC	Axxanol™ A35CD-32	Aerosol near dry-to-touch oil	11.5 oz (12 cans/case)
350-M-00082PL	Axxanol™ A35CD-32	Near dry-to-touch oil	5 gal
350-M-00082DR	Axxanol™ A35CD-32	Near dry-to-touch oil	55 gal

ZERUST® Axxanol™ A35CD-7 Multimetal Rust Preventative Oil

ZERUST®/EXCOR® Axxanol™ A35CD-7 is a high-flash solvent-based rust preventative that forms a clear, thin, dry-to-touch film, eliminating oily surfaces that attract dust and other contaminants. Use Axxanol™ A35CD-7 to safely protect metal components, machined and cast parts, engines, molds, and more for up to 6 months‡ during shipment, storage, and work-in-progress.



Part Number	Product	Type	Quantity
IN STOCK 350-M-00091AC	Axxanol™ A35CD-7	Aerosol dry-to-touch oil	11 oz (12 cans/case)
IN STOCK 350-M-00091PL	Axxanol™ A35CD-7	Dry-to-touch oil	5 gal
350-M-00091DR	Axxanol™ A35CD-7	Dry-to-touch oil	55 gal

ZERUST® Axxanol™ 718-ESS Multimetal Electric Rust Preventative Spray

ZERUST®/EXCOR® Axxanol™ 718-ESS is an electrical corrosion inhibitor spray that leaves a thin, water-displacing, non-staining, non-hardening, soft film, providing protection against challenging environments where acid gas vapors and humidity are present. Use Axxanol™ 718-ESS to safely protect electronic components, cabinets, junction boxes, and more. In addition to electronic applications, it can be used on any metal surface, such as hinges, machinery, and sliding parts, to provide corrosion protection and lubrication.



Part Number	Product	Type	Quantity
IN STOCK 350-M-00092AC	Axxanol™ 718-ESS	Electrical spray	12 oz aerosol cans (12/case)
350-M-00092PT	Axxanol™ 718-ESS	Electrical spray	16 oz bottles (w/ spray nozzles) (12/case)

ZERUST® Solvent-Based Rust Preventatives

ZERUST® AxxaCoat™ 90B HFS Multimetal Outdoor Rust Preventative

ZERUST®/EXCOR® AxxaCoat™ 90B HFS is a sprayable high-flash rust preventative coating designed to protect metal parts and assemblies during long-term indoor and outdoor storage and challenging overseas shipping applications where a tough yet removable coating is essential. Use AxxaCoat™ 90B HFS to safely protect machinery, equipment, other large metal assets, and more for up to 2 years‡ when stored outdoors or for many years‡ when stored indoors. For large surface applications that require protection, such as storage tank walls, pipelines, building infrastructures, bridges, etc., ZERUST® AxxaCoat™ 93 Series is recommended.



Part Number	Product	Type	Quantity
350-M-00077PL	AxxaCoat™ 90B HFS	Sprayable high-flash outdoor coating	5 gal
350-M-00077DR	AxxaCoat™ 90B HFS	Sprayable high-flash outdoor coating	55 gal

ZERUST® AxxaCoat™ 93B HFS Multimetal Outdoor Rust Preventative

ZERUST®/EXCOR® AxxaCoat™ 93B HFS is a sprayable high-flash rust preventative coating designed to protect large surfaces during operation and downtime where a tough yet removable coating is essential. Use AxxaCoat™ 93B HFS to safely protect storage tank walls, pipelines, building infrastructures, bridges, and other large structures for up to 2 years‡ when outdoors or for many years‡ when indoors. For smaller assets, such as metal parts and assemblies that require protection during long-term indoor and outdoor storage or challenging overseas shipping applications, ZERUST® AxxaCoat™ 90B HFS is recommended.



Part Number	Product	Type	Quantity
350-M-00090PL	AxxaCoat™ 93B HFS	Sprayable high-flash outdoor coating	5 gal
350-M-00090DR	AxxaCoat™ 93B HFS	Sprayable high-flash outdoor coating	55 gal

ZERUST® AxxaCoat™ 93AM Multimetal Outdoor Rust Preventative

ZERUST®/EXCOR® AxxaCoat™ 93AM is a sprayable rust preventative coating engineered to protect metal components, machinery, equipment, vehicles, trailers, undercarriages, and structural assets during long-term storage, international shipping, and harsh outdoor environments. The durable, removable coating delivers up to 2 years‡ of outdoor corrosion protection and many years‡ indoors. Once applied, it dries to a transparent, slightly tacky amber film that resists rain, moisture, and weather exposure w. The coating also helps preserve the appearance and condition of valuable metal assets until they are ready for service.



Part Number	Product	Type	Quantity
350-M-00099PL	AxxaCoat™ 93AM	Sprayable outdoor coating	5 gal
350-M-00099DR	AxxaCoat™ 93AM	Sprayable outdoor coating	55 gal

ZERUST® Water-Based Rust Preventatives

ZERUST® Axxatec™ 8110C Multimetal Rust Preventative

ZERUST®/EXCOR® Axxatec™ 8110C is an easy-to-use corrosion-inhibiting water-based additive for the protection of interior surfaces and parts comprised of iron, steel, aluminum, copper, and brass within closed systems. Use to protect water-filled void spaces of hydraulic and coolant equipment, such as heat exchangers, industrial plate-chillers, and fire sprinkler systems, for up to 1 year‡. In addition to being a corrosion-inhibiting water-based additive, Axxatec™ 8110C helps prevent flash rust in between production processes as it provides a few hours of corrosion protection when used as a coating or final rinse for parts that will be enclosed in ZERUST® VCI film packaging products.



Part Number	Product	Type	Quantity
350-M-00005PL	Axxatec™ 8110C	Multimetal additive	5 gal
IN STOCK 350-M-00005DR	Axxatec™ 8110C	Multimetal additive	55 gal

ZERUST® Axxatec™ 80C Ferrous Rust Preventative

ZERUST®/EXCOR® Axxatec™ 80C is a water-based liquid concentrate rust preventative designed to provide up to 6 months‡ of indoor storage, shipping, and assembly protection. Furthermore, Axxatec™ 80C protects ferrous metals such as cast iron, steel, and its alloys and is also multimetal and zinc compatible. However, we advise you to test before use. When applied and dried, it leaves a safe, clear, slightly tacky protective coating.



Part Number	Product	Type	Quantity
IN STOCK 350-F-00005PL	Axxatec™ 80C	Ferrous concentrate	5 gal
IN STOCK 350-F-00005DR	Axxatec™ 80C	Ferrous concentrate	55 gal

ZERUST® Axxatec™ DA-23C Dual-Action Ferrous Cleaner/Rust Preventative

ZERUST®/EXCOR® Axxatec™ (Dual-Action) DA-23C is a water-based, low or no foam, liquid concentrate rust preventative and light-duty cleaner designed to provide up to 3 months‡ of indoor storage and in-transit protection. In addition to the corrosion protection offered, Axxatec™ DA-23C also provides superb oil-splitting performance. However, a well-maintained oil skimmer or splitter is essential for clean and contaminate-free parts, as it removes the oil layer (contaminants) from the bath. When applied and dried, it leaves a safe, clear, dry-to-touch protective coating.



Part Number	Product	Type	Quantity
IN STOCK 350-F-00054PL	Axxatec™ DA-23C	Ferrous concentrate	5 gal
IN STOCK 350-F-00054DR	Axxatec™ DA-23C	Ferrous concentrate	55 gal

ZERUST® Water-Based Rust Preventatives

ZERUST® Axxatec™ DA-24C Dual-Action Multimetal Cleaner/Rust Preventative

ZERUST®/EXCOR® Axxatec™ (Dual-Action) DA-24C is a water-based, low or no foam, liquid concentrate rust preventative and light-duty cleaner designed to provide up to 3 months‡ of protection for ferrous-based alloys, while also being compatible with yellow metals. In addition to the corrosion protection offered, Axxatec™ DA-24C also provides superb oil-splitting performance. However, a well-maintained oil skimmer or splitter is essential for clean and contaminate-free parts, as it removes the oil layer (contaminants) from the bath. When applied and dried, it leaves a safe, clear, dry-to-touch protective coating.



Part Number	Product	Type	Quantity
350-M-00104PL	Axxatec™ DA-24C	Multimetal concentrate	5 gal
350-M-00104DR	Axxatec™ DA-24C	Multimetal concentrate	55 gal

ZERUST® Axxatec™ DA-40AL Dual-Action Multimetal Cleaner/Rust Preventative

ZERUST®/EXCOR® Axxatec™ (Dual-Action) DA-40AL is a water-based, low-foaming liquid concentrate rust preventative and light-duty cleaner designed to provide up to 3 months‡ of indoor storage and in-transit protection. In addition to ferrous metal protection, Axxatec™ DA-40AL is also compatible with yellow metals and aluminum alloys. When applied and dried, it leaves a safe, clear, dry-to-touch protective coating.



Part Number	Product	Type	Quantity
350-M-00096PL	Axxatec™ DA-40AL	Multimetal concentrate	5 gal
350-M-00096DR	Axxatec™ DA-40AL	Multimetal concentrate	55 gal

ZERUST® Axxatec™ 30C Ferrous Rust Preventative/Light-Duty Cleaner

ZERUST®/EXCOR® Axxatec™ 30C is a water-based low-foaming liquid concentrate rust preventative designed to provide up to 3 months‡ of indoor storage and in-transit protection. In addition to the corrosion protection offered, Axxatec™ 30C may also be used as a light-duty cleaner-rust preventative combination product, depending on the situation or application. When applied and dried, it leaves a safe, clear, dry-to-touch protective coating.



Part Number	Product	Type	Quantity
350-F-00052PL	Axxatec™ 30C	Ferrous concentrate	5 gal
350-F-00052DR	Axxatec™ 30C	Ferrous concentrate	55 gal

ZERUST® Axxatec™ 48C Multimetal Rust Preventative

ZERUST®/EXCOR® Axxatec™ 48C is a water-based liquid concentrate rust preventative designed to provide up to 6 months‡ of indoor storage, shipping, and assembly protection. Furthermore, Axxatec™ 48C protects ferrous, aluminum, and yellow metals, making it an ideal rust preventative product for parts containing multiple metals. When applied and dried, it leaves a safe, clear, dry-to-touch protective coating.



Part Number	Product	Type	Quantity
350-M-00097PL	Axxatec™ 48C	Multimetal concentrate	5 gal
350-M-00097DR	Axxatec™ 48C	Multimetal concentrate	55 gal

ZERUST® Water-Based Rust Preventatives

ZERUST® Axxatec™ 85-F Ferrous Rust Preventative

ZERUST®/EXCOR® Axxatec™ 85-F is a ready-to-use water-based rust preventative liquid designed for fogging and spraying applications. Axxatec™ 85-F protects ferrous metals by means of ZERUST® contact inhibitors and proven VCI technology, which migrates to protect hard-to-reach voids within an enclosed space. Furthermore, Axxatec™ 85-F protects for up to 1 year‡ in plain packaging and up to 5 years‡ in hermetically sealed spaces or ZERUST® VCI packaging.



Part Number	Product	Type	Quantity
350-F-00009PL	Axxatec™ 85-F	Ferrous ready to use w/ VCI	5 gal
350-F-00009DR	Axxatec™ 85-F	Ferrous ready to use w/ VCI	55 gal

ZERUST® Axxatec™ 87-M Multimetal Rust Preventative

ZERUST®/EXCOR® Axxatec™ 87-M is a ready-to-use water-based rust preventative liquid designed for fogging and spraying applications. Axxatec™ 87-M protects ferrous metals by means of ZERUST® contact inhibitors and proven VCI technology and is multimetal compatible. The VCI molecules migrate to protect hard-to-reach voids within an enclosed space, such as voids and chambers. Furthermore, Axxatec™ 87-M protects for up to 1 year‡ in plain packaging and up to 5 years‡ in hermetically sealed spaces or ZERUST® VCI packaging.



Part Number	Product	Type	Quantity
350-M-00029PL	Axxatec™ 87-M	Multimetal ready to use w/ VCI	5 gal
350-M-00029DR	Axxatec™ 87-M	Multimetal ready to use w/ VCI	55 gal

ZERUST® Axxatec™ 87-MB Multimetal Rust Preventative

ZERUST®/EXCOR® Axxatec™ 87-MB is a ready-to-use water-based rust preventative liquid designed for fogging and spraying applications. Axxatec™ 87-MB protects ferrous metals by means of ZERUST® contact inhibitors and proven VCI technology and is multimetal compatible. The VCI molecules migrate to protect hard-to-reach voids within an enclosed space. Furthermore, Axxatec™ 87-MB protects for up to 1 year‡ in plain packaging and up to 5 years‡ in hermetically sealed spaces or ZERUST® VCI packaging.



Part Number	Product	Type	Quantity
350-M-00081PL	Axxatec™ 87-MB	Multimetal ready to use w/ VCI	5 gal
350-M-00081DR	Axxatec™ 87-MB	Multimetal ready to use w/ VCI	55 gal

ZERUST® Water-Based Rust Preventatives

ZERUST® Axxatec™ 87-MW3 Multimetal Rust Preventative

ZERUST®/EXCOR® Axxatec™ 87-MW3 is a ready-to-use winterized water-based rust preventative liquid designed for fogging and spraying applications in cold weather. Axxatec™ 87-MW3 protects ferrous metals by means of ZERUST® contact inhibitors and proven VCI technology and is multimetal compatible. The VCI molecules migrate to protect hard-to-reach voids within an enclosed space. Furthermore, Axxatec™ 87-MW3 protects for up to 1 year‡ in plain packaging and up to 5 years‡ in hermetically sealed spaces or ZERUST® VCI packaging.



Part Number	Product	Type	Quantity
350-M-00085PL	Axxatec™ 87-MW3	Winterized multimetal compatible	5 gal
350-M-00085DR	Axxatec™ 87-MW3	Winterized multimetal compatible	55 gal

ZERUST® Axxatec™ HST-M100 Multimetal Hydrostatic Testing Additive

ZERUST®/EXCOR® Axxatec™ HST-M100 is a low to no-foam, water-soluble liquid additive designed for hydrostatic testing when a combination of yellow metals, aluminum, and/or ferrous metals are exposed to the test fluid. Axxatec™ HST-M100 treats water by counteracting ionic contaminants that cause rust on metals during hydrostatic testing. It effectively protects the interior surfaces of pressure vessels from corrosion that can rapidly form during and after hydrostatic testing. Add the product to water to make it suitable for hydrostatic test processes conducted on pressure vessels such as pipes, heat exchangers, storage tanks, and ship voids. Axxatec™ HST-M100 is recommended when aluminum, copper, brass, or other metal alloys containing red/yellow alloys above 3% are processed.



Part Number	Product	Type	Quantity
350-M-00105PL	Axxatec™ HST-M100	Mulitmetal Hydrostatic Additive	5 gal
350-M-00105DR	Axxatec™ HST-M100	Mulitmetal Hydrostatic Additive	55 gal

ZERUST® Axxatec™ HST-20L Ferrous Hydrostatic Testing Additive

ZERUST®/EXCOR® Axxatec™ HST-20L is a highly effective water treatment concentrate designed to deactivate ionic contaminants found in water sources that cause rust and hard water deposits on metals during hydrostatic testing. Axxatec™ HST-20L is a highly effective way to protect the interior surfaces of pressure vessels from corrosion that can rapidly form during and after hydrostatic testing. Add the product to water to make it suitable for hydrostatic test processes conducted on pressure vessels such as pipes, heat exchangers, storage tanks, and ship voids. Designed for use on ferrous metals only, it is not compatible with aluminum. For applications involving, copper, brass, or other metal alloys containing red/yellow alloys, it may be used in conjunction with ZERUST®/EXCOR® Axxatec™ HST-M100 additive.



Part Number	Product	Type	Quantity
350-F-00053PL	Axxatec™ HST-20L	Ferrous Hydrostatic Additive	5 gal
350-F-00053DR	Axxatec™ HST-20L	Ferrous Hydrostatic Additive	55 gal

ZERUST® Oil Additives

ZERUST®/EXCOR® Axxanol™ VCI Oil Additives are designed to protect the internal surfaces of engines and hydraulic systems against corrosion during lay-up, bunkering, and other shipping and storage applications. Depending on the length of protection needed, ZERUST® offers multiple formulations to provide the best solution for your application.

ZERUST® Axxanol™ 710C VCI Oil Additive

ZERUST®/EXCOR® Axxanol™ 710C is a corrosion-inhibitor oil additive that protects using ZERUST® Contact Inhibitors and VCI. It provides corrosion protection of metal surfaces within the void spaces of closed systems, such as internal combustion engines, transmissions, gearboxes, hydraulic systems, or other sealed, lubricated systems. When mixed with new, respective, approved lubricating oils per system set, Axxanol™ 710C emits Vapor Corrosion Inhibitor molecules into the voids and migrates to hard-to-reach internal surfaces, thus offering corrosion protection for up to 5 years‡ for these systems.



Part Number	Product	Type	Quantity
350-M-00045PL	Axxanol™ 710C	Engine Oil Additive w/ Contact inhibitor	5 gal
350-M-00045DR	Axxanol™ 710C	Engine Oil Additive w/ Contact inhibitor	55 gal

Benefits

Ready to use, easy to apply

Effective water-based RP with VCI

Foggable VCI protects hard-to-reach surfaces in crevices and voids

May be used with multiple metal types

ZERUST® Axxanol™ 707C VCI Oil Additive

ZERUST®/EXCOR® Axxanol™ 707C is a vapor-phase-only corrosion inhibitor concentrate specially designed for use with lubricating oils. It provides corrosion protection of metal surfaces within the void spaces of closed systems, such as internal combustion engines, transmissions, gearboxes, hydraulic systems, or other sealed, lubricated systems. When mixed with new, respective, approved lubricating oils per system set, Axxanol™ 707C emits corrosion-protective vapor-phase molecules into the void spaces and migrates to these exposed surfaces, thus offering corrosion protection for up to 2 years‡ for these systems.



Part Number	Product	Type	Quantity
350-M-00048GL	Axxanol™ 707C	Engine Oil Additive	1 gal
350-M-00048PL	Axxanol™ 707C	Engine Oil Additive	5 gal
350-M-00048DR	Axxanol™ 707C	Engine Oil Additive	55 gal

ZERUST® Rust Removers

ZERUST®/EXCOR® AxxaClean™ rust and tarnish removers are powerful solutions for the rework and recovery of metal assets. ZERUST® offers a range of technologies, from pH-neutral products to more aggressive products.

ZERUST® AxxaClean™ 2048 Rust Remover Series

ZERUST®/EXCOR® AxxaClean™ 2048 is a moderate-acting rust and tarnish remover designed to eliminate medium corrosion, even in the most hard-to-reach cracks and crevices. With a pH of approximately 2.5, similar to a soda drink, AxxaClean™ 2048 minimizes disposal challenges.

Part Number	Product	Type	Quantity
350-M-00014PT	AxxaClean™ 2048	Spray-On	16 oz (12 bottles/case)
350-M-00014GL	AxxaClean™ 2048	Spray-On	1 gal (4 bottles/case)
350-M-00014PL	AxxaClean™ 2048	Spray-On	5 gal
350-M-00014DR	AxxaClean™ 2048	Spray-On	55 gal
350-M-00015PT	AxxaClean™ 2048	Immersion	16 oz (12 bottles/case)
350-M-00015GL	AxxaClean™ 2048	Immersion	1 gal (4 bottles/case)
350-M-00015PL	AxxaClean™ 2048	Immersion	5 gal
350-M-00015DR	AxxaClean™ 2048	Immersion	55 gal
350-M-00016PT	AxxaClean™ 2048	Brush-On	16 oz (12 bottles/case)
350-M-00016GL	AxxaClean™ 2048	Brush-On	1 gal (4 bottles/case)
350-M-00016PL	AxxaClean™ 2048	Brush-On	5 gal
350-M-00016DR	AxxaClean™ 2048	Brush-On	55 gal



Benefits

Safely removes rust

Cleaned metals are ready to be painted or welded

Compatible with most metals, painted surfaces, rubber and elastomers

No VOC's, CFC's, silicones or heavy metals

ZERUST® AxxaClean™ 3048 Rust Remover Series

ZERUST®/EXCOR® AxxaClean™ 3048 is a rapid-acting rust and tarnish remover designed to eliminate heavy corrosion, even in the most hard-to-reach cracks and crevices. AxxaClean™ 3048 effectively cleans ferrous and yellow metals of rust and tarnish, and with a pH of around 1, it minimizes disposal concerns.

Part Number	Product	Type	Quantity
350-M-00021PL	AxxaClean™ 3048	Immersion	5 gal
350-M-00021DR	AxxaClean™ 3048	Immersion	55 gal
350-M-00022PL	AxxaClean™ 3048	Brush-On	5 gal
350-M-00022DR	AxxaClean™ 3048	Brush-On	55 gal



ZERUST® AxxaClean™ ICT®625-RR Rust Remover

ZERUST®/EXCOR® AxxaClean™ ICT®625-RR recovers mildly to moderately rusted ferrous parts. Simply soak the affected parts in the ready-to-use liquid to eliminate rust on surfaces and in hard-to-reach areas. The active ingredient reacts with iron oxide, and the product is compatible with aluminum and yellow metals. To use, clean off loose rust with a brush and soak the rusted parts in ICT®625-RR rust remover.

Part Number	Product	Type	Quantity
350-M-00095PL	AxxaClean™ ICT®625-RR	Immersion	5 gal
350-M-00095DR	AxxaClean™ ICT®625-RR	Immersion	55 gal



ZERUST® Cleaners and Degreasers

ZERUST® AxxaWash™ KF-121 Cleaner

ZERUST®/EXCOR® AxxaWash™ KF-121 is a low-foaming, alkaline, water-based cleaner compatible with hard water in a wide range of operating temperatures. AxxaWash ™ KF-121 is a high-performance cleaner designed to remove light to medium-duty hydrocarbon soils on ferrous substrates and maintain low foaming under spray conditions.



Part Number	Product	Type	Quantity
350-W-00004PL	AxxaWash™ KF-121	Concentrate	5 gal
350-W-00004DR	AxxaWash™ KF-121	Concentrate	55 gal

ZERUST® AxxaWash™ KF-122 Cleaner

ZERUST®/EXCOR® AxxaWash™ KF-122 is a low-foaming, heavy-duty alkaline, water-based cleaner compatible with very hard water in a wide range of operating temperatures. AxxaWash™ KF-122 is a high-performance cleaner designed to remove medium to heavy-duty hydrocarbon soils on ferrous substrates and maintain low foaming under spray conditions.



Part Number	Product	Type	Quantity
350-W-00089PL	AxxaWash™ KF-122	Concentrate	5 gal
350-W-00089DR	AxxaWash™ KF-122	Concentrate	55 gal

ZERUST® AxxaWash™ KF-123 Cleaner/Flash-Rust Inhibitor

ZERUST®/EXCOR® AxxaWash™ KF-123 is a low-foaming, mildly alkaline, high-performance water-based cleaner with flash-rust inhibition that's designed to remove light to medium-duty hydrocarbon soils on ferrous substrates while offering chloride mitigation.



Part Number	Product	Type	Quantity
350-W-00003PL	AxxaWash™ KF-123	Concentrate	5 gal
350-W-00003DR	AxxaWash™ KF-123	Concentrate	55 gal

ZERUST® AxxaWash™ KF-124 Cleaner/Flash-Rust Inhibitor

ZERUST®/EXCOR® AxxaWash™ KF-124 is a low-foaming, mildly alkaline, water-based cleaner with low operating temperatures. AxxaWash™ KF-124 is a high-performance cleaner with flash-rust inhibition designed to remove light to medium-duty hydrocarbon soils on ferrous substrates while offering chloride mitigation.



Part Number	Product	Type	Quantity
350-W-00050PL	AxxaWash™ KF-124	Concentrate	5 gal
350-W-00050DR	AxxaWash™ KF-124	Concentrate	55 gal

ZERUST® Cleaners and Degreasers

ZERUST® AxxaWash™ KMS-220 Cleaner/Flash-Rust Inhibitor

ZERUST®/EXCOR® AxxaWash™ KMS-220 is a low foam, low temperature, mildly alkaline water-based cleaner with excellent oil-splitting capabilities while also offering flash-rust inhibition. AxxaWash™ KMS-220 is an ideal cleaner for removing light-duty hydrocarbon soils and particulates on ferrous substrates.



Part Number	Product	Type	Quantity
350-W-00088PL	AxxaWash™ KMS-220	Concentrate	5 gal
350-W-00088DR	AxxaWash™ KMS-220	Concentrate	55 gal

ZERUST® AxxaWash™ KMS-305AL Cleaner

ZERUST®/EXCOR® AxxaWash™ KMS-305AL is a low foam, low temperature, alkaline water-based cleaner designed for use with aluminum and ferrous metals in spray systems with its excellent oil-splitting capabilities. AxxaWash™ KMS-305AL is an ideal cleaner for removing light to moderate-duty hydrocarbon soils and particulates on aluminum heat exchanger components. AxxaWash™ KMS-305AL contains no chelating agents and low silicate levels for ease of waste treatment.



Part Number	Product	Type	Quantity
350-W-00091PL	AxxaWash™ KMS-305	Concentrate	5 gal
350-W-00091DR	AxxaWash™ KMS-305	Concentrate	55 gal

ZERUST® AxxaWash™ KMS-310AL Cleaner

ZERUST®/EXCOR® AxxaWash™ KMS-310AL is a low-foaming, alkaline, water-based cleaner designed for aluminum and ferrous alloys. AxxaWash™ KMS-310AL is an excellent cleaner for moderate to heavy-duty soils.



Part Number	Product	Type	Quantity
350-W-00090PL	AxxaWash™ KMS-310	Concentrate	5 gal
350-W-00090DR	AxxaWash™ KMS-310	Concentrate	55 gal

ZERUST® Cleaners and Degreasers

ZERUST® AxxaWash™ NW-10C Cleaner

ZERUST®/EXCOR® AxxaWash™ NW-10C is a mildly alkaline, water-based cleaner with a wide range of operating temperatures. AxxaWash™ NW-10C is a high-performance cleaner with flash-rust inhibition designed to remove and deactivate sources of corrosion such as chlorides, oils, and contaminants.



Part Number	Product	Type	Quantity
350-W-00001PL	AxxaWash™ NW-10C	Concentrate	5 gal
350-W-00001DR	AxxaWash™ NW-10C	Concentrate	55 gal

Benefits

Water-based concentrate

Enhances the effectiveness of RP coatings and VCI packaging

Deactivates common anionic contaminants

Removes soluble and particulate metalworking soils

Reduces risk of flash corrosion

ZERUST® AxxaWash™ NW-12C Cleaner

ZERUST®/EXCOR® AxxaWash™ NW-12C is a mildly alkaline, water-based cleaner with a wide range of operating temperatures. AxxaWash™ NW-12C is a high-performance cleaner designed to remove oily contaminants and deactivate corrosion-inducing inorganic anions while providing extended flash-rust inhibition.



Part Number	Product	Type	Quantity
350-W-00002PL	AxxaWash™ NW-12C	Concentrate	5 gal
350-W-00002DR	AxxaWash™ NW-12C	Concentrate	55 gal

Complementary Products

ZERUST® VCI Packaging
Axxatec™ Water-Based RPs
Axxanol™ Oil-Based RPs
AxxaVis™ Additives
AxxaClean™ Cleaners

ZERUST® ICT® VCI Diffusers & Emitters

ZERUST® Vapor Capsules

ZERUST®/EXCOR® Vapor Capsules are portable capsules containing proven ZERUST® VCI technology. They are used to protect metals in hard-to-reach areas of control panels, electrical cabinets, or any other enclosed spaces from corrosion. They even protect when items are in operation or may be used as a supplement to other ZERUST® VCI packaging products for added protection. Vapor Capsules protect multiple metal types from rust and tarnish for up to 1 or 2 years‡ , depending on the capsule model, in a sealed enclosure.



Click here for more product information and photos

Part Number	Model	Units/Case	Weight/Case
375-M-00006	VC1-1(S)	50	.60 lb
375-M-00001	VC1-1	50	.70 lb
375-M-00002	VC2-1	25	1.2 lb
375-M-00003	VC2-2	10	.75 lb
375-M-00004	VC6-1	4	2.2 lb
375-M-00005	VC6-2	4	3 lb

ZERUST® Vapor Capsule ZAK-M22

ZERUST®/EXCOR® ZAK-M22 Vapor Capsule is a portable capsule containing proven ZERUST® VCI technology, used to protect metals in hard-to-reach areas of control panels, electrical cabinets, or any other enclosed spaces from corrosion. They even protect when items are in operation or may be used as a supplement to other ZERUST® VCI packaging products for added protection. Additionally, each capsule has a unique serial number and QR code printed on the label. This feature allows the user to be notified of the replacement schedule. ZAK-M22 Vapor Capsule protects multiple metal types from rust and tarnish for up to 2 years‡ , depending on the environment, in a sealed enclosure.



Click here for more product information and photos

Part Number	Model	Units/Case	Weight/Case
375-M-00202	ZAK-M22	10	1.3 lb

ZERUST® ICT® Pipe Strips

ZERUST®/EXCOR® ICT® Pipe Strips are residue-free, long-term corrosion protection systems for the interior surfaces of ferrous and non-ferrous pipes and tubes during shipment, storage, or work-in-progress. ICT® Pipe Strips are ZERUST® Vapor Capsules assembled on long plastic strips that can be made to any length. Pipe Strips protect ferrous and non-ferrous metal tubes, pipes, and more up to 24 inches‡ in diameter from corrosion for up to 1 year‡ during storage and shipping. Additionally, use with ZERUST® rust preventatives and VCI packaging for long-term storage protection.

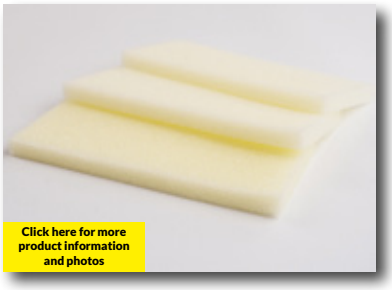

Click here for more product information and photos

Part Number	Model	Description	Units/Case	Weight/Case
525-M-00001	PS2-10	40’ strip with 10 Capsules	1 strip	.55 lb
525-M-00002	PS2-16	40’ strip with 16 Capsules	1 strip	.80 lb

ZERUST® ICT® VCI Diffusers & Emitters

ZERUST® ICT® Open Cell VCI Foam Pads

ZERUST®/EXCOR® ICT® Open Cell VCI Foam Pads are a convenient way to provide added corrosion protection in packaging or to improve protection in demanding environments and on lightly contaminated parts. The nitrite and chromate-free foam pads contain proven ZERUST® VCI technology. They are pre-cut, flexible, and easy to insert into small spaces, protecting metals in hard-to-reach areas from corrosion in almost any enclosure. Open Cell Foam Pads protect ferrous and some non-ferrous metals such as aluminum, brass, and copper in an enclosure for up to 1 year‡.



Part Number	Dimensions	Units/Case	Weight/Case
375-F-00007	2" x 5" x 1/4"	1,000	8 lb
375-F-00008	2" x 5" x 1/4"	100	.60 lb

ZERUST® ICT® Plastabs®

ZERUST®/EXCOR® ICT® Plastabs® are thin, light, rigid polyethylene diffusers that are made with ZERUST® VCI technology. Their small, thin shape makes Plastabs® perfect for protecting critical surfaces within narrow or hard-to-reach areas of electronics or parts of equipment or as a supplement to other ZERUST® VCI packaging products for added protection. Plastabs® protects ferrous metals for up to 2 years‡ in a sealed enclosure. Additionally, they provide limited aluminum and yellow metal protection when used as instructed. However, do not place Plastabs® in direct contact with aluminum, copper, brass, or zinc, and test before use.



Part Number	Dimensions	Units/Case	Weight/Case
425-M-00001	1" x 1"	1,000	1.75 lb
425-M-00002	0.75" x 0.75"	1,000	1 lb
425-M-00003	0.50" x 0.50"	1,000	.50 lb
425-M-00004	0.75" x 0.75" w/adhesive	1,000	1.1 lb
425-M-00010	1" x 3" debossed	1,000	5.7 lb

ZERUST® ICT® Tube Strip

ZERUST®/EXCOR® ICT® Tube Strip is a flexible hollow plastic product containing ZERUST® VCI technology. They are used to protect narrow tubes, pipes, and other enclosed spaces from corrosion or as a supplement to other ZERUST® VCI packaging products for added protection. Tube Strip protects ferrous metal tubes, pipes, and gun barrels up to 2 inches‡ in diameter from corrosion for up to 2 years‡ during storage and shipping. Additionally, Tube Strips may be used with ZERUST® rust preventatives and VCI packaging for additional long-term storage protection.

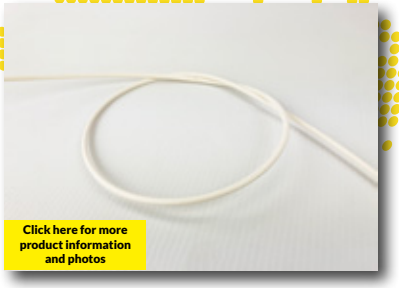


Part Number	Model	Size	Units/Case	Weight/Case
475-F-00001	Tube Strip	1,000 ft	1 roll	12 lb

ZERUST® ICT® VCI Diffusers & Emitters

ZERUST® Tube Strip Pro-20

ZERUST®/EXCOR® Tube Strip Pro is a flexible solid-core plastic product containing ZERUST® VCI technology. They are used to protect bolt thread holes, the interior of hollow car chassis frames, confined electronic spaces (such as inside computers, control boxes, etc.), tubes, pipes, gun barrels, and other enclosed spaces from corrosion or as a supplement to other ZERUST® VCI packaging products for added protection. Tube Strip Pro protects ferrous metal tubes, pipes, and gun barrels up to 4 inches‡ in diameter from corrosion for up to 2 years‡ during storage and shipping while also being yellow metal compatible. Additionally, Tube Strip Pro may be used with ZERUST® rust preventatives and VCI packaging for additional long-term storage protection.



Part Number	Model	Size	Units/Case	Weight/Case
475-M-00005	Tube Strip Pro-20	500 ft	1 roll	5 lb

ZERUST® ICT® Cor Tab® VCI Tablets

ZERUST®/EXCOR® Cor Tab® are compressed drop-in tablets that provide superior corrosion protection for metal surfaces and metal items in small or hard-to-reach areas of enclosures, such as electronic instruments, computer parts, small metal parts, inside tool chests, and more. Cor Tab® VCI Tablets protect ferrous and non-ferrous metals from corrosion for up to 6 months‡ in a sealed enclosure.



Part Number	Model/Size	Tabs/Bottle	Weight
450-M-00001	CT-25 (.25 gm)	600	4 lb
450-M-00002	CT-50 (.50 gm)	300	4 lb
450-M-00003	CT-10 (1 gm)	150	4 lb

ZERUST® Z-PAK® VCI Packets

ZERUST®/EXCOR® Z-PAK® is an economical and effective VCI diffuser packet that can be used alone or, more typically, with other ZERUST® VCI packaging products to provide robust temporary corrosion protection for ferrous metals during shipment, storage, or work-in-progress. Z-PAK® VCI Packets work fast to protect ferrous metals for up to 6 months‡ in a sealed enclosure during domestic shipments and/or storage or up to 3 months‡ during overseas shipments. Additionally, in certain situations, Z-PAK® Packets may be used for metal components containing limited yellow metal/parts (aluminum, zinc (galvanized steel), copper, brass, or phosphorus bronze) when used as instructed.



Part Number	Model	Units/Case	Weight/Case
375-F-00100	Z-PAK®-01	1,000	7 lb

ZERUST® EcoCap™ 10 Capsule

ZERUST®/EXCOR® EcoCap™ 10 is a fully paper-based, recyclable VCI capsule that provides reliable corrosion protection for enclosed industrial and electrical equipment during operation, shipping, and storage. The plastic-free design protects exposed metals while supporting sustainability initiatives and compliance with major global environmental regulations.



Part Number	Model	Units/Case	Weight/Case
375-M-00231	EcoCap™ 10	60	7 lb

ZERUST® Activ® VCI Diffusers & Emitters

ZERUST® ActivPak® and ActivPak®(LS) VCI Packets

ZERUST®/EXCOR® ActivPak® and ActivPak®(LS) VCI Packets offer fast-acting corrosion protection in challenging conditions, such as factories, marine environments, waste treatment facilities, and power plants. These packets effectively reduce flash rust and corrosion incidents, even on contaminated parts. Its robust formula offers protection against acid gases and contaminants, making it suitable for safeguarding metals during operation, storage, and in aggressive manufacturing and shipping conditions.



Part Number	Model	Units/Case	Weight/Case
375-M-00100	ActivPak®-35	10	2 lb
375-M-00101	ActivPak®-35	50	9 lb
375-M-00102	ActivPak®-35	100	17 lb
375-M-00103	ActivPak®(LS)-35	10	2 lb
375-M-00104	ActivPak®(LS)-35	50	9 lb
375-M-00105	ActivPak®(LS)-35	100	17 lb
375-M-00107	ActivPak®(LS)-T350	10	2 lb
375-M-00108	ActivPak®(LS)-T350	50	5 lb
375-M-00109	ActivPak®(LS)-T350	100	8 lb
375-M-00111	ActivPak®(LS)-33	10	1 lb
375-M-00112	ActivPak®(LS)-33	50	3 lb
375-M-00113	ActivPak®(LS)-33	100	6 lb
375-M-00114	ActivPak®(LS)-T330	10	1 lb
375-M-00115	ActivPak®(LS)-T330	50	2 lb
375-M-00116	ActivPak®(LS)-T330	100	4 lb

ZERUST® ActivCapsule™ FAC1-1(s)

ZERUST®/EXCOR® ActivCapsule™ FAC1-1(S) is a drop-in capsule containing proven ZERUST® VCI technology. It is used to protect metals from corrosion in hard-to-reach areas in almost any enclosure or as a supplement to other ZERUST® VCI packaging products for added protection. ActivCapsule™ FAC1-1(s) works fast to protect aluminum against flash corrosion and ferrous metals for up to 1 year‡ in a sealed enclosure.



Part Number	Model	Units/Case	Weight/Case
375-M-00106	ActivCapsule™ FAC1-1(s)	50	.60 lb

ZERUST® ActivTab™(LS) VCI Tablets

ZERUST®/EXCOR® ICT® ActivTab™ (LS) are small, compressed tablets that provide superior corrosion protection for freshly worked metal surfaces and metal items in small or hard-to-reach areas of enclosures, such as electronic cabinets, inside of pipes, or internal areas of large containers. ActivTab™ (LS) VCI Tablets work fast to protect ferrous metals and aluminum against flash corrosion and continue to protect for up to 6 months‡ in a sealed enclosure.



Part Number	Model	Units/Case	Weight/Case
450-M-00100	ActivTab™(LS) AT-25	600 tablets/bottle (8/case)	4 lb

ZERUST® ActivDri™ VCI & Moisture Control

ZERUST® ActivDri™ FAD12-1 Capsule

ZERUST®/EXCOR® ActivDri™ FAD12-1 Capsule protects metals in hard-to-reach areas of enclosed spaces by utilizing VCI to prevent corrosion and a silica-gel desiccant to combat humidity that affects metals and electronics in corrosive environments such as salty air or power plants. ActivDri™ FAD12-1 Capsules are easy to install as they feature a durable coated steel cable to aid in inserting and retrieving the unit from the center of a void space. Additionally, the cable is affixed to the capsule at multiple points to provide a secure hold during use. ActivDri™ FAD12-1 protects ferrous and aluminum against corrosion for up to 1 year‡ in a sealed enclosure.



Part Number	Model	Units/Case	Weight/Case
375-F-00003	ActivDri™ FAD12-1 (VCI Plus desiccant)	10	23 lb

ZERUST® ActivDri™ PWA Corrosion Prevention and Moisture Control Packets

ZERUST®/EXCOR® ActivDri™ PWA Packets are patent-pending, economical, effective, and easy-to-use dual-action, moisture control VCI sachet products that protect against environmental contaminants and humidity that aggressively corrode metal parts, components, electronics, and electrical components/equipment. ActivDri™ PWA Packets ferrous metals and aluminum surfaces for up to 12 months‡ in a sealed enclosure and is compatible with yellow metals and silver.



Part Number	Model	Units/Case	Weight/Case
IN STOCK 375-M-00212	PWA5	1,000	12 lb
IN STOCK 375-M-00213	PWA10	500	12 lb
IN STOCK 375-M-00214	PWA25	200	12 lb
IN STOCK 375-M-00215	PWA50	100	12 lb
IN STOCK 375-M-00210	PWA100	50	12 lb

ZERUST® ActivDri™ CAP-50A Capsule

ZERUST®/EXCOR® ActivDri™ CAP-50A is a compact, dual-action moisture control capsule that combines high-capacity desiccant performance with ZERUST® ICT® VCI technology to protect metals from corrosion during operation, shipping, and storage for up to 1 year‡. Designed for enclosed spaces, it offers up to 300% greater moisture adsorption than silica gel and features a recyclable, FSC-certified shell and when recycled, the product significantly reduces landfill waste compared to conventional VCI emitters.



Part Number	Model	Units/Case	Weight/Case
IN STOCK 375-M-00227	CAP-50A	60	11 lb

ZERUST® ActivLink™ M-10

ZERUST®/EXCOR® ActivLink™ M-10 is a dual-action moisture absorber and VCI system that protects metal assets during shipping and storage. Suspended inside shipping containers, it helps control humidity and provides up to 12 months‡ of corrosion protection.



Part Number	Product Length	# of Sachets/10'	Units/Case	Weight/Case
375-M-00229	10'	44	4	27 lb

ZERUST® Powders and Additives

ZERUST® Axxavis™ HST-10 Powder Additive

ZERUST®/EXCOR® AxxaVis™ HST-10 is a water-soluble powder additive that treats water and deactivates ionic contaminants found in water sources that cause rust and hard water deposits on metals during hydrostatic testing. AxxaVis™ HST-10 is a highly effective way to protect the interior surfaces of pressure vessels from corrosion that can rapidly form during and after hydrostatic testing. Add the product to water to make it suitable for hydrostatic test processes conducted on pressure vessels such as pipes, heat exchangers, storage tanks, and ship voids.



Part Number	Product	Type	Quantity
460-M-00002CA	AxxaVis™ HST-10	Ferrous Hydrostatic Additive	25 lb/case
460-M-00002SU	AxxaVis™ HST-10	Ferrous Hydrostatic Additive	800 lb/sack

ZERUST® Axxavis™ WBA-10 Powder Additive

ZERUST®/EXCOR® AxxaVis™ WBA-10 is a water-soluble additive for wet vapor blasting and vapor honing that helps prevent flash rust, corrosion, and hard water deposits on ferrous metals, delivering cleaner surfaces and short-term corrosion protection during processing.



Part Number	Product	Type	Quantity
460-M-00008CA	AxxaVis™ WBA-10	Ferrous Wet Blast Additive	25 lb/case
460-M-00008SU	AxxaVis™ WBA-10	Ferrous Wet Blast Additive	800 lb/sack

ZERUST® Axxavis™ PX Powder Additive Series

ZERUST®/EXCOR® AxxaVis™ PX Powder Additive Series provides powder additives capable of neutralizing acids left by cleaning processes and conditioning hard water when deionized water is not available for metalworking applications.



Part Number	Product	Type	Quantity
460-F-00005	AxxaVis™ PX-05-AN	Acid Neutralizer	25 lb/case
460-M-00001	AxxaVis™ PX-10-HRD	Hard Water Conditioner	25 lb/case

ZERUST® ActivPowder™ Series

ZERUST®/EXCOR® ActivPowder™ Series offers VCI powders designed to protect ferrous metal surfaces in large voids from corrosion. These self-fogging powders combine VCI protection with a Flash Corrosion Inhibitor (FCI™) to protect against flash rust and provide long-term corrosion protection. The fast diffusion rate of Activ™ inhibitors enables quick delivery of protection, even in hard-to-reach spaces of internal cavities, such as baffles, where sweating and condensation of trapped humidity typically cause corrosion issues. ActivPowder™ (LS)-10F also provides effective surface passivation to protect contaminated metal surfaces from corrosion.



Part Number	Model	Quantity
460-F-00016	ActivPowder™ (LS)-10F	30 lb/case
460-F-00004	ActivPowder™-10F	30 lb/case

ZERUST® Desiccants

ZERUST® ZDC Montmorillonite Clay Tyvek Desiccants



ZERUST®/EXCOR® ZDC Desiccant Series features montmorillonite clay packaged in Tyvek material that offers an excellent barrier to water in liquid form while also allowing water vapors to pass through. This minimizes the risk of the desiccants causing corrosion that may come in direct contact with metals when compared to other desiccants made with different materials. Use ZDC Desiccants as a drying agent to reduce the humidity and moisture inside an enclosure during long-term shipping and storage applications. Combine with ZERUST® Vapor Corrosion Inhibiting (VCI) products for extended protection during storage and shipment. ZDC Desiccants conform to the standard of US MIL-D-3464E and DIN55473.

Part Number	Unit Size	Quantity	Material	Weight
775-X-00024	ZDC-T-005 (1/2 Unit)	600/case	Tyvek	26 lb/case
775-X-00025	ZDC-T-010 (1 Unit)	400/case	Tyvek	32 lb/case
775-X-00030	ZDC-T-160 (16 Unit)	400/drum	Tyvek	19 lb/drum

Can you use Desiccants with VCI?

The short answer is "yes if used correctly." VCI and desiccants function in different ways to reduce the risk of corrosion. VCI emits a corrosion-inhibiting chemistry designed to protect the surface of the metal. Desiccant is designed to absorb atmospheric moisture, reducing the electrolyte that accelerates corrosion. VCI and desiccant do not interfere with each respective function, meaning VCI will not stop a desiccant from absorbing moisture, and desiccant will not stop VCI chemistry from emitting.

The long answer lies in relation to using the desiccants correctly. How can something so simple as absorbing moisture be misused? If not used properly, desiccants can accelerate corrosion on parts inside the package.

Many human factors come into play that can affect the efficacy of the desiccant. The two most prevalent are the storage and handling of desiccant and the placement of the desiccant inside the package.

We have all been in facilities and seen boxes, pails, and drums of desiccant sitting at the packaging workstation with no lid or covering on the container. The desiccant will begin to absorb moisture out of the atmosphere when exposed to an open environment. Therefore, the desiccant is already absorbing moisture from the facility's atmosphere before it is ever placed inside the shipping container. Depending upon the humidity level inside the facility, the life and efficacy of the desiccant can be significantly compromised before it is placed in the shipping container. The simple solution to storing and handling desiccants properly is to keep the lid on the container of desiccants closed.

The careful placement of desiccant inside a shipping container is very crucial. First, it's important that desiccant is NOT placed in contact with bare metal. As the desiccant begins to absorb moisture inside the package, it will draw the moisture to the surface of the metal. The higher moisture concentration at the point of contact with the metal will accelerate corrosion.

An effective, proven packaging design using VCI and desiccants for overseas shipments is to use 2 liner bags in the container with desiccants placed between the two bags. The inner bag liner, closest to the parts, needs to be VCI, and the outer bag liner can be plain poly. The desiccant placement between the two liner bags will reduce moisture inside the container without compromising the protection of the metal.

ZERUST®/EXCOR® offers a full line of corrosion inhibitor packaging and rust prevention solutions. For more than 50 years, ZERUST® has delivered innovative corrosion management solutions backed by patented technologies and expert technical support in over 70 countries worldwide. Have a challenging corrosion prevention need, such as overseas shipping or storage in corrosive environments? Trust ZERUST® to help you manage corrosion with proven solutions and technical expertise.



ZERUST® Flange Covers, Tapes and Accessories

ZERUST® OPS Preservation Tape

ZERUST®/EXCOR® OPS Preservation Tape is designed to be used with ICT®510-OPS Outdoor Preservation Shrink Film to provide advanced protection to metals. This specially designed ZERUST® Preservation Tape is ideal for sealing and reinforcing seams, heat-sealed or not. This self-wound tape exhibits good shear properties under moderate loads, has a wide operating temperature range, and excellent UV resistance.



Part Number	Description	Mil	Units/Case	Weight/Case
250-X-00007	4" x 108'-2 yr UVI - Gray	9	12 rolls	19 lb
250-X-00008	6" x 108'-2 yr UVI - Gray	9	8 Rolls	17 lb

ZERUST® Inhibitor Fusion (ZIF) Tape

ZERUST®/EXCOR® Inhibitor Fusion (ZIF) Tape delivers corrosion inhibitors to the surface of pipes under insulation. The ZIF tape is simply wrapped over the pipe to be protected over the existing coating, prior to the installation of the thermal insulation. Once installed, the inhibitors are most effective when there is moisture present and, therefore, mitigate corrosion caused by condensation and high-temperature flashing. The unique inhibitors are effective at temperatures up to 392°F (200°C). When moisture evaporates as the pipeline temperatures rise, the inhibitor is released to be redeposited under the silicone tape and in contact with the pipeline, where it is dormant until the temperatures drop and moisture re-condenses.



Part Number	Description	Units/Case	Weight
250-F-00105	ZIF Corrosion-Inhibiting Silicone Tape 2" x 36'	1 roll	.8 lb
250-F-00108	ZIF Corrosion-Inhibiting Silicone Tape 4" x 36'	1 roll	2.2 lb
250-F-00106	ZIF Corrosion-Inhibiting Silicone Tape 12" x 36'	1 roll	6.65 lb
250-F-00107	ZIF Corrosion-Inhibiting Silicone Tape 16" x 36'	1 roll	8.85 lb

Accessories



Part Number	Description	Units/Case	Weight
350-X-00003	Rust Remover Polishing Sponge	2	4.35 g

Why Choose ZERUST®/EXCOR®?

In today's competitive global marketplace, your metal products must travel thousands of miles through aggressive atmospheres, extreme daily changes of humidity and temperature, and possibly extended storage before your customers ever see them.



ZERUST® corrosion solutions will resolve your corrosion problems while increasing your company's profitability by reducing operating costs, increasing process yields, and enhancing your customers' satisfaction. In some regions of the world, ZERUST® is also known as EXCOR® due to language differences.

ZERUST®/EXCOR® field engineers on four continents use decades of accumulated applications experience to:

- Identify and resolve corrosion causes in processes.
- Eliminate unnecessary packaging and materials handling processes.
- Design optimal customer corrosion management solutions.
- Provide point-to-point customer service in over 70 countries.



Worldwide ZERUST®/EXCOR® Technical Support

Our internationally recognized scientists and field engineers work closely with customers to design and implement comprehensive corrosion management systems. Then, ZERUST® representatives worldwide provide on-site technical support to ensure the efficacy of these solutions. ZERUST® applications engineers will assist with the on-site preparation and packaging of test shipments. At its destination, the shipment will be inspected and evaluated by a global ZERUST® representative.



Laboratories and Test Facilities Across the Globe

The effectiveness of the proposed corrosion management system can be evaluated under extreme simulated climatic conditions in one of our many worldwide regional ZERUST® technical support centers. ZERUST® is a business unit of Northern Technologies International Corporation (NTIC). NTIC's management system is ISO 9001:2015 certified.



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‡ DECLARATION
Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental / storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's / user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations. **LIMITED WARRANTY/DISCLAIMER** Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

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