

RUST PREVENTION

CORROSION MANAGEMENT SOLUTIONS



WHY ARMOR?

Armor Protective Packaging® provides the industry's cleanest, easiest, safest and most effective corrosion management systems for metal products to a global customer base. ARMOR's full line of vapor corrosion inhibitor (VCI) packaging products, desiccants and our rust removal and prevention liquids are designed to protect metals before, during and after transport or storage. ARMOR's industry reputation as a trusted business partner has been built by serving our customers and preserving their investments for more than a quarter-century.



ARMOR SHIELD®

VCI Banding Film

FEATURES AND BENEFITS

ARMOR SHIELD® VCI Banding Film is our stretch film in a narrow, 5 inch width for banding, bundling, and unitizing. Our **SHIELD®** products line is a comprehensive collection of innovative and practical methods for delivering corrosion protection to your parts. All **SHIELD®** products can be customized to meet even the most demanding specifications.

VCI Banding Film holds parts securely in place. 5 inches wide x 900 feet in length (100 ga.), the narrow width facilitates wrapping film around hard to protect items while the extended handle allows for easy and fast wrapping.

This heavy gauge film is puncture-resistant and clings to itself, leaving no sticky residue and requiring no tape to secure. It saves time and money compared to other methods of wrapping and is easy to use with no preparation needed.



APPLICATIONS

ARMOR SHIELD® VCI Banding Film is recommended for long metal tubes, bolts, and shafts; circular items like large bearings that require "tire wraps"; protection of areas that are hard to reach by standard film or larger width stretch film; and odd-shaped parts that cannot be placed within a bag or wrapped in paper. It is ideal for parts-packaging depots with a great variety and number of parts.

TECHNICAL DATA

ARMOR PROTECTIVE PACKAGING CORROSION MANAGEMENT SOLUTIONS

ARMOR SHIELD® VCI Banding Film

Product Overview

Polyethylene stretch film impregnated with ARMOR Vapor & Contact Corrosion Inhibitor (VCI) formulation for ferrous and non-ferrous metals on both sides of the film; designed for the long-term storage of ferrous and non-ferrous metals. Non-toxic.

Parameters

Gauge (range available: .0008" to .005")	.001" (+/-) 10%	
Tensile Strength (PSI) At Break		Score
Units		
ASTM Test +D-882		
Machine Direction	4,841-7,140	lbs./sq. in./mil
Transverse Direction	3,925-4,530	lbs./sq. in./mil
Elongation – ASTM #D-882		
Machine Direction	640-1,106	percent
Transverse Direction	935-1,252	percent
Tear Strength – ASTM #D-1922-93		
Machine Direction	144-304	gf
Transverse Direction	640-976	gf
Type of VCI Compound		Multi Metal Protection

Recommended Applications

Ferrous and non-ferrous metals including Steel, Iron, Copper, Brass, and Zinc. Cadmium and aluminum, galvanized (zinc plated steel and iron nickel) and nickel alloys should be evaluated in the usual method of handling.

Armor Protective Packaging® recommends testing your product's compatibility with our ARMOR SHIELD® VCI Stretch Film in vapor phase and as a contact inhibitor.

Proper Storage

Material should be kept in original wrapping or the equivalent during storage of partial rolls or sheets (overnight, weekends, and holidays).

CAUTION: Always wash hands thoroughly after handling this product and before eating.

All products manufactured Armor Protective Packaging® are warranted to be first class products and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any of such products proven defective or at our option to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. We make no warranty, express or implied, as to the suitability of any of our product for any particular use, and we shall not be subject to liability from any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.

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