

RUST PREVENTION

CORROSION MANAGEMENT SOLUTIONS



ARMOR POLY FILM®

LLDPE Film

FEATURES AND BENEFITS

ARMOR film technology sets industry standards for high performance and innovation. **ARMOR POLY®** films are transparent and heat sealable, providing the combined benefit of barrier and anti-corrosion protection in an easy to use form. ARMOR's proprietary Bright Idea Technology™ provides visible proof under black light that VCI is present in all **ARMOR POLY®** products.

ARMOR POLY® is the most cost-effective VCI film solution in the industry combining quality, performance and aggressive pricing.

ARMOR POLY® is available in sheeting, bags, tubing, and more.

ARMOR's proprietary VCI nanotechnology comes with more than 30 years of industry experience. With service on 4 continents and in more than 25 countries, ARMOR is positioned to provide corrosion management solutions wherever and whenever you need them.

Non-toxic, environmentally friendly, and recyclable.



APPLICATIONS

ARMOR POLY® is a linear low density, polyethylene mono-extruded film that utilizes Armor's proprietary Vapor and Contact Corrosion Inhibitor (VCI) formulation designed for medium to long term storage (approximately 3 years).

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.



TECHNICAL DATA

ARMOR PROTECTIVE PACKAGING CORROSION MANAGEMENT SOLUTIONS

ARMOR POLY® FILM

Product Overview

Linear low density polyethylene tubing, sheeting, and bags impregnated with ARMOR® Vapor & Contact Corrosion Inhibitor (VCI) formulation for ferrous and non-ferrous metals. Designed for long-term storage of ferrous and non-ferrous metals. Non-toxic.

SPECIFICATION

THICKNESS (range available)	100 microns
TENSILE STRENGTH - ASTM TEST #D-882	
Machine Direction (MPa)	25
Transverse Direction (MPa)	25
ELONGATION – ASTM #D-882	
Machine Direction (%)	500
Transverse Direction (%)	750
TYPE OF VCI COMPOUND	Proprietary VCI Content

Disclaimer : The values mentioned above are typical. Actual value of the products will vary within a specified range

Recommended Applications

Both ferrous and non-ferrous metals including steel, iron, copper, brass, zinc, galvanized (zinc plated steel and iron). Cadmium and aluminum, 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 POLY® VCI 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.

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