



Multi-Metal Corrosion Protection VCI Film

DESCRIPTION

- VCI Film protects ferrous and non-ferrous metals from corrosion without the use of conventional oils and moisture absorbing additives
- Eco-friendly volatile corrosion inhibitors are impregnated with low-density polyethylene (LDPE) to blown extrude VCI Film
- Our VCI raw materials are 100% nitrite and amine free and TRGS 615 compliant
- VCI chemical compounds from VCI Film released within the sealed airspace provides surface corrosion protection
- VCI Film also provides additional contact corrosion inhibiting protection when in contact with the metal surface
- VCI Film provides an effective and efficient 'dry-method' to protect metal surfaces in an enclosed space for up to 24 months

FEATURES

- **GVF100** : multi-metal corrosion protection
- **GVF110** : multi-metal corrosion protection with anti-static function
- **GVF120** : multi-metal corrosion protection with UV protection
- **GVF-SP** : BMW GS 94003, Mercedes Benz DBL 6994, Volkswagen VW 50164 certified VCI Film
- 100% No amines
- 100% No nitrite
- TRGS 615 & REACH (SVHC) compliant
- TL 8135-0002 compliant
- TL 8135-0043 compliant
- Eco-friendly VCI raw materials
- VCI action protects deep cavities or voids
- Monomolecular layer doesn't interfere with electrical operation or equipment
- Protects ferrous and non-ferrous metals from corrosion
- Little or no surface preparation is required
- Recyclable

METHOD OF APPLICATION

- Product should have no rust-seeds prior to packaging with VCI Film
- Avoid excess humidity and high-temperatures during packaging of products
- Apply VCI Powder packs or other VCI supplements when packaging more than 8CBM
- VCI Film packaging should be sealed (>95% controlled air-flow) for VCI protection
- Ensure there are no rips or tears
- VCI action can be stopped by un-sealing the VCI film packaging, and restarted by re-sealing the packaging

PACKAGING & STORAGE

- Available in rolls, bags, and sheets
- Shelf Life: Est. 2 years as delivered in the sealed packaging when protected from direct sunlight, moisture, and stored in room temperature

TYPICAL PROPERTIES

Appearance: Green LDPE Film
(Different colors available)
Vapor Pressure: 0.01 – 0.4mmHg

APPLICATION FIELD

- Automotive parts; knock down packaging, KD and CKD packaging
- Mothballing; equipment used in oil & gas industry
- Military equipment
- Heavy industry equipment
- Aerospace equipment
- Agriculture equipment
- Mining equipment

METAL PROTECTION

- General multi-metal protection

CUSTOMIZATION REQUEST

- If needed, inquire us for customization features such as pH changes, VCI performance enhancement, color, UV protection, biodegradability, food grade, plant extract based, anti-static and etc.

PRECAUTIONS

- Ensure VCI Film packaging is done in stable temperatures
- Humidity should be controlled to protect packaged products
- Recommend testing first

FOR INDUSTRIAL USE ONLY, NOT FOR INTERNAL CONSUMPTION, KEEP OUT OF REACH OF CHILDREN, STORE IN ROOM TEMPERATURE AT LOW HUMIDITY

PLEASE REQUEST MATERIAL SAFETY DATA SHEET FROM OUR EMPLOYEES FOR MORE INFORMATION

LIMITED WARRANTY

The technical data, production information, statements, and recommendations in this product overview are based on research and testing conducted by us. We believe it will serve as a reliable guideline. The physical properties stated represent typical values and are not intended for writing specifications.

We advise product testing before use to ensure suitability of any intended purpose. The products manufactured by us are subject to many uses depending on different conditions, conditions which we may have no control over. We do not warrant that this product is suitable for any particular use. All claims or defective products must be made in writing within two (2) months after shipment of product to customer and prior to further processing or combining with other material and products. We shall not be liable from any damages made during use in operations. 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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