

PRODUCT DATASHEET

SAFEPACK VCI Anticorrosion Plastic Film SP- MPE-100

Product Description

SAFEPACK VCI Plastic Film is a PE film that contains a combination of impregnated VCI chemicals designed for Ferrous & Non Ferrous metals (Multimetal) protection against corrosion. Packing your product in Safepack VCI film protects metal parts from all types of corrosion including rust, tarnish, stains, white rust and oxidation for up to 24 months. It protects metals by direct contact & by vapor action. The VCI's vaporize & then settle on the metal surface, protecting also difficult to reach areas like drilled holes, crevices etc.

Safepack VCI film not only replaces the conventional rust preventive methods like oils & dessicants but eliminates the costs associated with them like degreasing & cleaning. Metals parts packed in Safepack VCI film get continuous protection against salt, humidity, condensation, moisture, varying industrial atmosphere & composite metal corrosion.

Material

It is a PE film manufactured with hi- tech resins impregnated with VCI Chemicals having a decade of R&D by Safe pack corrosion research laboratory.

Features & Benefits

- Specially designed to give MULTIMETAL protection.
- Prevents oxidation at contact points of electrical / electronic components.
- Transparent film allows users to easily identify & inspect parts without opening package.
- Compatible with broad range of commonly used parts, greases, oil seals, rubber parts etc.
- Air-tight packaging not a must al though it's required to be closed properly.
- Heat sealable, allowing auto & manual sealing
- Can be supplied in custom multicolor printed VCI laminate in pouch form or roll form, suitable for auto pouch packing machines.
- Depending on the imperviousness of the pack, protection should last up to 24 months.
- Protection for longer duration can be designed.
- Offers Dry Packaging.

Hi-tech Corrosion Prevention

Safepack VCI film is the most respectable brand available in the market today which comes with high level of corrosion prevention demonstrated by internal & third party certifications.

For further testing & reference certificates please visit www.safepack.com

Typical Properties:

Property	Units	Value
Thickness	Mil	4 (100 micron)
Dart Impact Strength	gf	450
Tensile Strength	Kg/sq.cms	MD 253 CD 253
Elongation	%	MD 270 CD 370
pH	-	Basic
Corrosion Performance	As per MIL- 2073 ID	Passes Contact corrosivity test and Vapor Inhibiting ability (VIA) test.

Custom grades can be developed.

Metals Protected: Ferrous & Non-ferrous metals like Mild Steel, Cast Iron, Stainless Steel, Galvanized Steel, Copper, Brass, Bronze, Zinc, Tin-Plate, Aluminium etc.

Packaging and Storage conditions:

1. Store in a cool and dry place.
2. Wrapping of rolls in original packing during storage is recommended.
3. Stable at normal storage conditions.
4. VCI film should be kept away from contaminants prior to usage.
5. Shelf life is minimum 2 years under normal conditions of storage..

Method of Application:

Simply wrap the clean, dry metal parts in the film. Also refer our note guidelines for packaging department.

Applications:

- Metals - Coils/Sheets/Pipes/Tubes/Wires.
- Automotive - Pistons/Connecting rod /Crankshafts/Camshafts/Engine Assembly.
- Engineering - Palleted Castings/Forgings/Machined Parts/Bearings/Spare parts/Tools/Pumps/Machine wrappings.
- Electrical & Electronics - PCBs/Relays/Panels
- Defense - Marine/Aerospace equipments & parts.

Forms Available: Plain / Printed / Laminated - Rolls / cut sheets / 2D pouches / 3D bags / Tubings etc.

For industrial use only and not for internal consumption. Keep container sealed and out of reach of children.

SAFEPACK range of products:



VCI PAPER



3mtr VCI STEEL WRAP



VCI PLASTIC FILM



VCI STRETCH FILM



VCI POWDER & TABLET



VCI FOAM



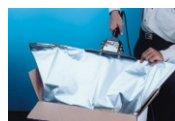
VCI EMITTER



VCI OIL



VCI WATER BASE



AL. BARRIER BAGS & COVERS



ABSORBENTS & DESICCANTS



TRANSIT HAZARD INDICATORS



FLEXIBLE PKG. PRODUCTS



SAFE FRESH BAGS/ LINERS

Also available Customised Packaging Solutions that meet your needs & requirements.

LIMITED WARRANTY

The values shown above were developed from our random sampling procedure & we believe them to be specific for this product only. SAFEPACK Industries Ltd. gives no warranty express or implied as to the suitability of these products for any specific application. Users should determine the product suitability for any application through their own testing & evaluation. Standard warranty clause applies to all supplies. SAFEPACK Industries Ltd. shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

For more information call us today !

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