



VAPPRO VCI-827 EXTRUDED P.E.

NATO STOCK NUMBER:
6850-32-076-1092
Conforms to MIL-B-22020C

DESCRIPTION

Vapro VCI-827 is a significant breakthrough in protective packaging technology. It offers a new concept in product protection without the need for rust preventative coatings.

Vapro VCI-827 is a polyethylene film containing vapour corrosion inhibitor to protect primarily ferrous materials against corrosion.

ADVANTAGES

Vapro VCI-827 protects ferrous metals by placing the metal in a bag or by wrapping the metal with sheeting and then condenses on all metal surfaces, reaching every part of the metal surface, including recessed areas.

CORROSION TEST RESULTS

TEST : Cold rolled steel panel sealed in bag.

SAMPLE

Vapro VCI-827 Bag

Control Sample With
without VCI

TIME ELAPSED

30 Days

No Change

Heavy Rust

60 Days

No Change

Extreme Rust

90 Days

No Change

Badly Corroded

SPECIAL FEATURES

- Available as bags or shroud closures, tubing, and sheeting
- 2 to 4 mils (50 - 100 microns) thicknesses
- Transparent form- You can see your product where visual security is required.
- Heat Sealable

APPLICATIONS

- Parts, components, and completed assemblies during shipping and storage
- Tools, spare parts, and components
- Bin and box liners
- Motors and mechanical control
- Electrical equipment and controls
- Long tubular products and pipe
- Interleaving





FEATURES & BENEFITS

- Heat sealable with standard equipment. However, bags or sheets can be tied, folded, taped or stapled for protection equivalent to a heat sealable enclosure.
- Does not have to be in contact with metal to protect, the vapours travel to all portions of the enclosure.
- Eliminates the need for expensive and messy greasing procedures.
- The film is transparent. Your product is visible at all times.
- Has no coating of chemicals to flake off, stick to or otherwise damage or soil products.
- Protects when used in conjunction with acid bearing packaging materials, e.g. corrugated board, chipboard, wood, etc.
- Rough handling does not impair chemical effectiveness.
- Inhibitors will not affect any electrical or mechanical properties of a packaged item.
- May be used with neutral or light rust preventative oils.
- No special handling is required.
- Available from stock in popular bag, sheeting and tubing sizes.
- Has a long life.
- Can be supplied in special sizes and forms to meet specific needs.

METHOD OF APPLICATION

Insert product in bag or pouch and close securely to prevent entry of moisture or air. When using VCI sheeting, product should be completely wrapped or shrouded to prevent entry of moisture or air.

TYPICAL PROPERTIES

Thickness

2 - 4 mils (50 to 100 microns)

Form

Extruded Polyethylene Film

Appearance

Yellow Transparent Film

METAL PROTECTED

- Carbon Steels
- Aluminium
- Galvanized Steel
- Stainless Steels

Magna

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