



ECO FRIENDLY  
SUSTAINABLE  
BIODEGRADABLE



**VBCI Series-** A class of environmentally friendly corrosion inhibitors for a cleaner, greener, better tomorrow.

# Vapro VBCI-826S

## VBCI PE Shrink Film

Conforms to MIL Specs MIL-PRF-22019D

**Passed German VIA (Vapour Inhibition Ability) Test TL 8135-002**

NATO STOCK NUMBER: 6850-32-086-9421

## The Panacea For Protecting & Packaging Large And Irregularly Shaped Equipment Against Corrosion

### Description

Vapro VBCI-826-S is a VCI shrink film with exceptional rugged features designed for protecting and packaging large and irregularly shaped equipment against corrosion during storage of shipment.

Its UV's stabilization feature provides extended life to the film, making it ideal for use in outdoor storage and export environments. It is available in extra wide widths, for nearly any size requirement.

Vapro VBCI-826-S shrink film is fortified with vapour corrosion inhibitor and is designed to be an alternative to expensive multi-layer laminated flexible structures and eliminates the need for vacuum packaging and dehumidification.

Vapro VBCI-826-S keeps packaged metal clean, dry, and corrosion-free. The thick, heat-sealable, puncture-resistant, flexible VCI shrink film conforms easily to the shape of the equipment.

It is manufactured under strict ISO 9001-2008 norms, SP-VCI and is completely nitrite-free. It does not contain substances which are considered as dangerous to the health, neither in the production phase of the film, nor in the use of the end product (Certified for compliance with RoHS). It can be recycled both as material and as energy.

### How Vapro VBCI-826-S Works

Vapro VBCI-826-S emits VBCI Vapour chemicals into the surrounding enclosure. The released vapour deposits on the metal surface and forms a protective mono-ionic layer which provides protection to the packaged parts from corrosion.



It thus enables effective and long term protection of ferrous and non-ferrous metals against corrosion /oxidation and tarnishing under adverse conditions including contaminants in air such as hydrogen sulphide, sulphur dioxide, ammonia or acid rain. Vapro VBCI vapors easily migrate to hard to reach areas like drilled holes, crevices etc. and give effective protection.

Metals protected:

- Aluminum
- Carbon Steel
- Stainless Steel
- Copper
- Galvanized Steel
- Brass
- Silver
- Solder



## Features & Benefits

- Multi-metal corrosion protection.
- UV Protection & Flame retardant properties.
- Extra strength & resistance to puncture and tear.
- High shrink force for broad application.
- Shrink wrap below the pallet not affected by forks.
- Extra protection for outdoor storage and export shipments.
- Six-sided protection is possible
- Immediate use of protected object (vehicle, equipment, etc.) upon removal.
- Vapro VBCI-826S fits more tightly around objects, reducing or eliminating wear and tear in windy conditions. The plastics can be welded together onsite through the use of the same handheld heat guns used to shrink the films, it offers barriers to water, dust, vermin and other contaminants.
- It protects metals both through direct contact and vapour action.
- It keeps the load secure and keeps out dust, dirt, moisture, and contaminants.
- It provides wide-width, heavy duty, outdoor barrier packaging.
- Faster and more cost-effective to store equipment outdoors than put it under-roof.
- Plus on-site installation. Complete turnkey service.
- Reduces Shipping, Labor And Material Costs.

## Applications

- Irregularly shaped equipment that is difficult to wrap and move.
- Effectively protects equipment in storage or in transit.
- Preservation of Military vehicles, Weapons and equipment
- Mothball preservation of industrial equipment
- Export packaging of expensive larger equipment.
- Heavy equipment covers
- Seasonal equipment
- Excess Inventory
- Large Machine Parts
- Preservation of Recreational vehicles (boats, snowmobiles, etc.).
- Packaging of Crankshaft, Camshaft, Valves, Piston, Computer Instruments. Machinery Components, etc.

## Directions For Use

1. Ascertain the dimensions of equipment and determine amount of film required, ensure to make provision of at least 10 to 12" for overlap at all seams.
2. Place or arrange film in a clean and dry area.
3. Place equipment on film and ensure all sharp edges and corners are padded.
4. Wrap film around equipment and cautiously apply heat on Vapro VBCI-826-S and it will shrink to desired fit.

## Specifications

**Film Thickness**  
150μ

**Colour**  
Blue

**Typical Shrink Temperature Range**  
340-400°F

**Typical Sealing Temperature Range**  
240-310°F

## Shelf Life

**Shelf Life :** 36 months from date of manufacture  
**Protection Duration :** 24 months

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