



VpCI®-126 Shrink Film

High technology Vapor phase corrosion inhibiting Film
Patented Worldwide
Multimetal VpCI systems



Description

Cortec VpCI-126 Shrink Film combines the latest film technology with the most effective corrosion protection for all of your metal products. Sealing your product in VpCI Shrink Film will protect a wide variety of metals from rust, tarnish, stains, whiterust, and oxidation for up to 5 years.* It's as easy as putting your product in VpCI Shrink Film!

VpCI-126 Shrink Film can replace conventional rust preventatives such as oils and desiccants. You save even more because VpCI-126 Shrink Film will eliminate all the degreasing or coating removal required in the past. Your product can now be used immediately. VpCI-126 is transparent, making it easy to identify parts. Additionally, it does not contain free amines, phosphates, or halogen-based materials and is non-toxic and recyclable.

Features

- Multimetal corrosion inhibition providing contact, barrier, and vapor phase protection
- Excellent sealing properties using sealing temperatures of 190-240°F
- Will shrink using a wide variety of shrink tools
- Transparent, allowing easy visualization
- Excellent film for shrink tunnel applications (depending on temperature and dwell time)
- Film is recyclable and non-hazardous

Multi-Metal VpCI

Metal parts packaged in VpCI-126 Shrink Film receive continuous protection against salt, excessive humidity, condensation, moisture, aggressive industrial atmospheres, and dissimilar metal corrosion. The Vapor phase Corrosion Inhibitors vaporize and condense on all metal surfaces in the enclosed package. VpCI reaches every area of your part, protecting its exterior as well as hard-to-reach interior surfaces. You get complete product protection during storage as well as during domestic and overseas shipments virtually eliminating any rust claims.

Metals protected

- | | |
|-------------------|--------------------|
| • Aluminum | • Galvanized Steel |
| • Carbon Steel | • Silicon Steel |
| • Stainless Steel | • Silver |
| • Copper | • Solder |
| • Brass | |

Shelf Life

The shelf life of VpCI-126 film is 2 years

Sizes

VpCI-126 Shrink Film is available in a standard size at 20' x 100' x 0.006" rolls. (6.1m x 30.5m x 150µ)
Contact a Cortec Representative for other sizes and constructions.

Now available in widths up to 30' (9.2m).

* Depending on film construction thickness and application

Application Instructions

Shrink Wrapping

1. Measure unit and determine amount of film needed, allowing at least 12" overlap at all seams.
2. Lay out film in desired preparation area, making sure it is clean and dry.
3. Place vehicle or equipment on film.
4. Pad off any sharp edges and corners.
5. Wrap or shroud equipment with film.
6. Use shrink tape to attach loose ends onto film/equipment.
7. Carefully apply heat and shrink film to desired fit.

Shrink tunnel

VpCI-126 Shrink film can be used in shrink tunnel applications; however, the optimum temperature, speed and dwell time will vary depending on equipment and must be determined with testing.

Recommended starting point settings

Temperature range: 350-380° F (177 – 193 °C)

Speed: Low

Dwell time: 20-30 seconds

*Note: May require two passes through tunnel to achieve desired fit.

Typical Mechanical Properties of Vpci-126 Shrink Film

property		test Method	units	Vpci-126 shrink
Caliper		ASTM D6988	mil	6.00
Breaking Factor	MD	ASTM D882-02	lbs/in	14.06
	TD			14.89
Tensile Strength at Break	MD	ASTM D882-02	psi	2181.55
	TD			2363.45
Elongation at Break	MD	ASTM D882-02	%	451.38
	TD			615.18
Yield Strength	MD	ASTM D882-02	psi	1434.65
	CD			1443.89
Tear Strength	MD	ASTM D1922-06a	mN	6560.93
	CD			9700.13
Dart Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	623.92

For industrial use only. Keep out of reach of children. Keep container tightly closed. Not for internal consumption.

Consult safety data sheet for more information.

Limited Warranty

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall Cortec Corporation be liable for incidental or consequential damages.

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