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HIGH PERFORMANCE VpCI® PACKAGING

VpCI®-126 Shrink Film

High Technology Vapor phase Corrosion Inhibiting Film

Patented Worldwide

Multimetal VpCI Systems



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

MULTIMETAL VpCI

Metal parts packaged in Cortec 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.

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 Cortec VpCI Shrink Film will protect a wide variety of metals from rust, tarnish, stains, white rust, and oxidation for up to 5 years.* It's as easy as putting your product in Cortec VpCI- Shrink Film!

Cortec VpCI-126 Shrink Film can replace conventional rust preventatives such as oils and desiccants. You save even more because Cortec 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.

METALS PROTECTED

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

SHELF LIFE

The shelf life of VpCI-126 film is 2 years

SIZES

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

* 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 MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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